

## Pinto Lucerne Valley and Eastern Slopes

# ACECs within the Pinto Lucerne Valley and Eastern Slopes Subarea

#	Proposed ACECs
7	Bighorn East (covered in Old Woman Springs Wildlife Linkage)
8	Bighorn West (covered in Old Woman Springs Wildlife Linkage)
15	Carbonate Plant Expansion (covered in Carbonate Plants, see below)
28	Granite Mountain Corridor
39	Northern Lucerne Wildlife Linkage
41	Old Woman Springs Wildlife Linkage
49	Pipes Canyon

#	Existing ACECs (within DRECP boundary)
8	Big Morongo Canyon
12	Carbonate Endemic Plants RNA
38	Juniper Flats
53	Mojave Monkeyflower (the Daggett Ridge Unit)
58	Ord-Rodman
63	Pinto Mountains
69	Rodman Mountains Cultural Area
77	Soggy Dry Lake Creosote Rings
82	Upper Johnson Valley Yucca Rings

### Granite Mountain Wildlife Linkage

**Description/Location:** Bounded on the south by San Bernardino National Forest and on the north by the Bendire's Thrasher ACEC, this wildlife corridor linkage area is sandwiched between Lucerne Valley and Apple Valley and includes Granite Mountain.

**Special Designations/Management Plan/Date:** new proposal

**Relevance and Importance Criteria:** Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, golden eagles, desert tortoise, prairie falcons and several other species. Additionally, numerous rare and sensitive plants have major populations here, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area. Without this corridor the towns of Lucerne Valley and Apple Valley will merge and create a block for wildlife movement.

**Goals:** Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

#### Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	3,100	39,400	0	0.25%
1	0	39,400	0	0.25%
2	0	0	0	NA
3	0	39,400	0	0.10%
4	0	37,200	0	0.25%

\* Acreage values are for BLM managed lands

#### Alternatives:

Under All Alternatives, except Alternative 2—This area would be identified as an ACEC and would be managed to support and maintain wildlife connectivity.

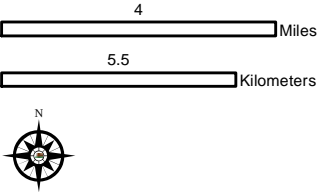
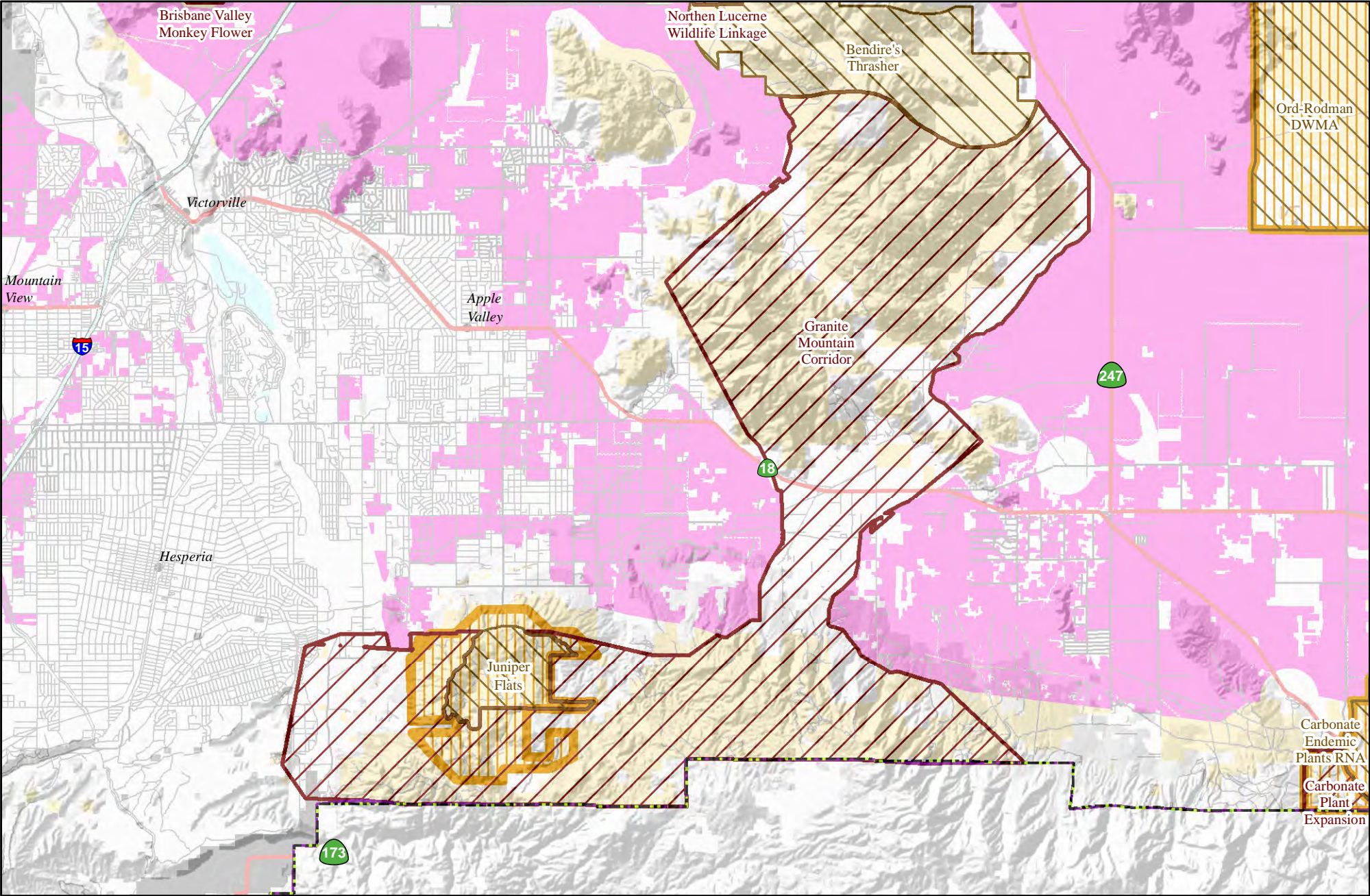
Under Alternative 2- This conservation area would not be designated, as most of the corridor would be designated as a Development Focus Area. The remaining portion was determined to be too narrow to provide meaningful connectivity.

No Action – this conservation area would not exist, as it does not exist currently.

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or Improve condition of vegetation</p> <p>Management Action1: Remove invasive plants, rehabilitate/revegetated disturbed areas</p> <p>Management Action 2: Protect populations of special status plants</p> <p>Known rare plants:</p> <p><i>Cymopterus multinervatus</i></p> <p><i>Eriogonum ovalifolium var vineum</i></p> <p><i>Acanthoscyphus parishii var goodmaniana</i></p> <p><i>Saltugilia latimeri</i></p> <p>Management Action 3: Protect rare natural communities from impacts.</p>	Vegetation – Including special status species
<p>Objective: Protect Golden Eagle nesting sites</p> <p>Management Action: Protect nesting habitat, ensure productive nesting</p> <p>Objective: Protect and enhance sensitive wildlife habitat</p> <p>Desert tortoise</p> <p>LeContes thrasher</p> <p>San diego pocket mouse</p> <p>Prairie falcon</p> <p>Golden eagles</p> <p>Mohave ground squirrel</p> <p>Management Action: Maintain viable populations and connections between other ACECs and critical habitat</p>	Fish and Wildlife Including special status species
<p>Objective: Reduce habitat impacts associated with vehicle use</p> <p>Management Action: All legal open routes will be signed, all routes identified as closed will be rehabilitated/restored, restore all undesigned OHV routes</p>	Trails and Travel Management
<p>Objective: Consolidate management</p> <p>Management Action: Acquire all inholdings from willing sellers</p>	Land Tenure
<p>Objective: Maintain habitat connectivity</p> <p>Management Action: New ROW proposals must not interfere with or inhibit wildlife crossing and movement through the area</p>	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: Area is closed to geothermal leasing and development</p>	Renewable Energy



# Granite Mountain Corridor



## Preferred Alternative ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

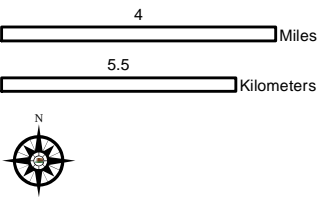
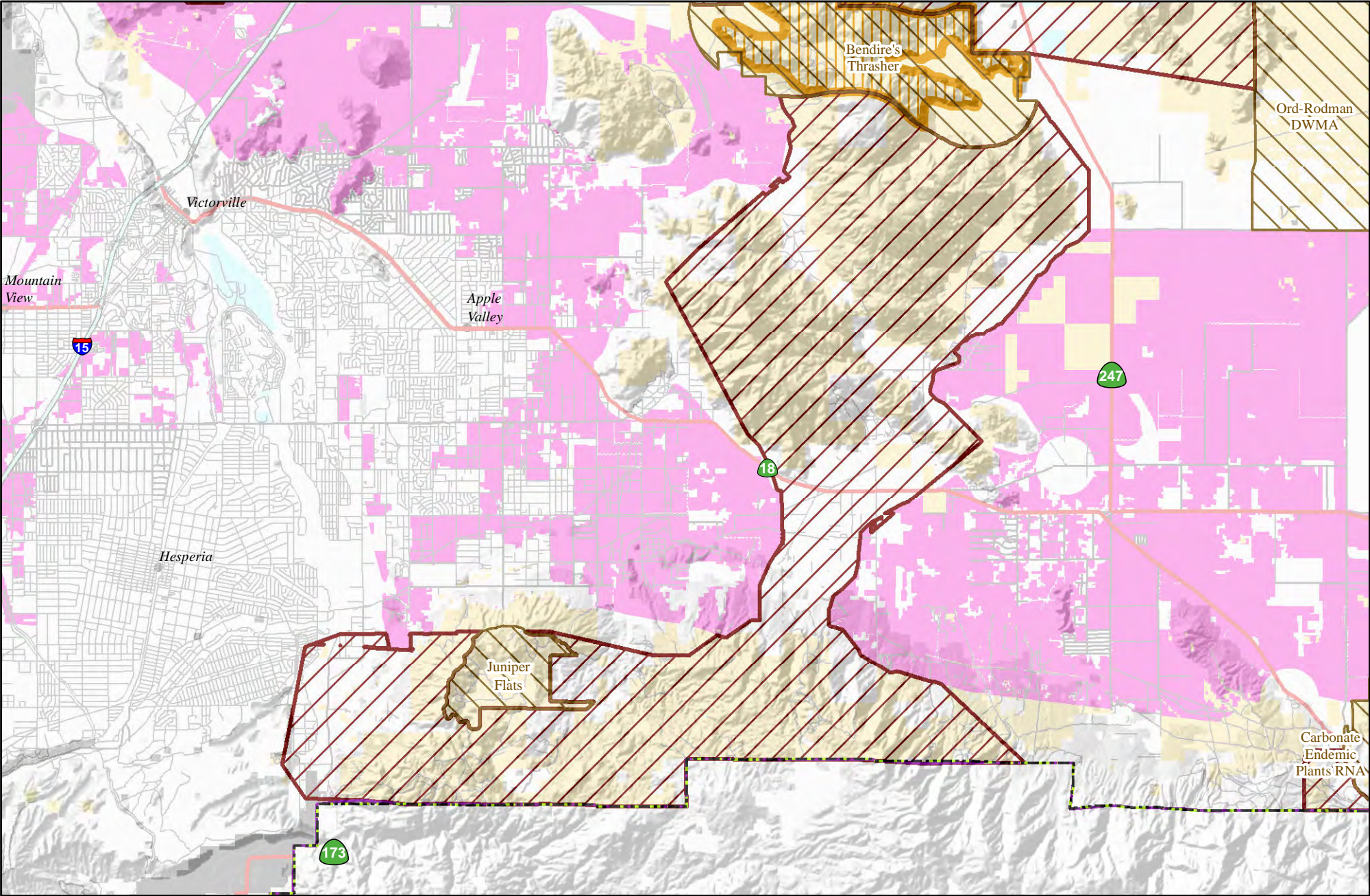
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Granite Mountain Corridor



## Alternative 1 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

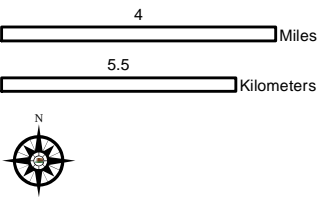
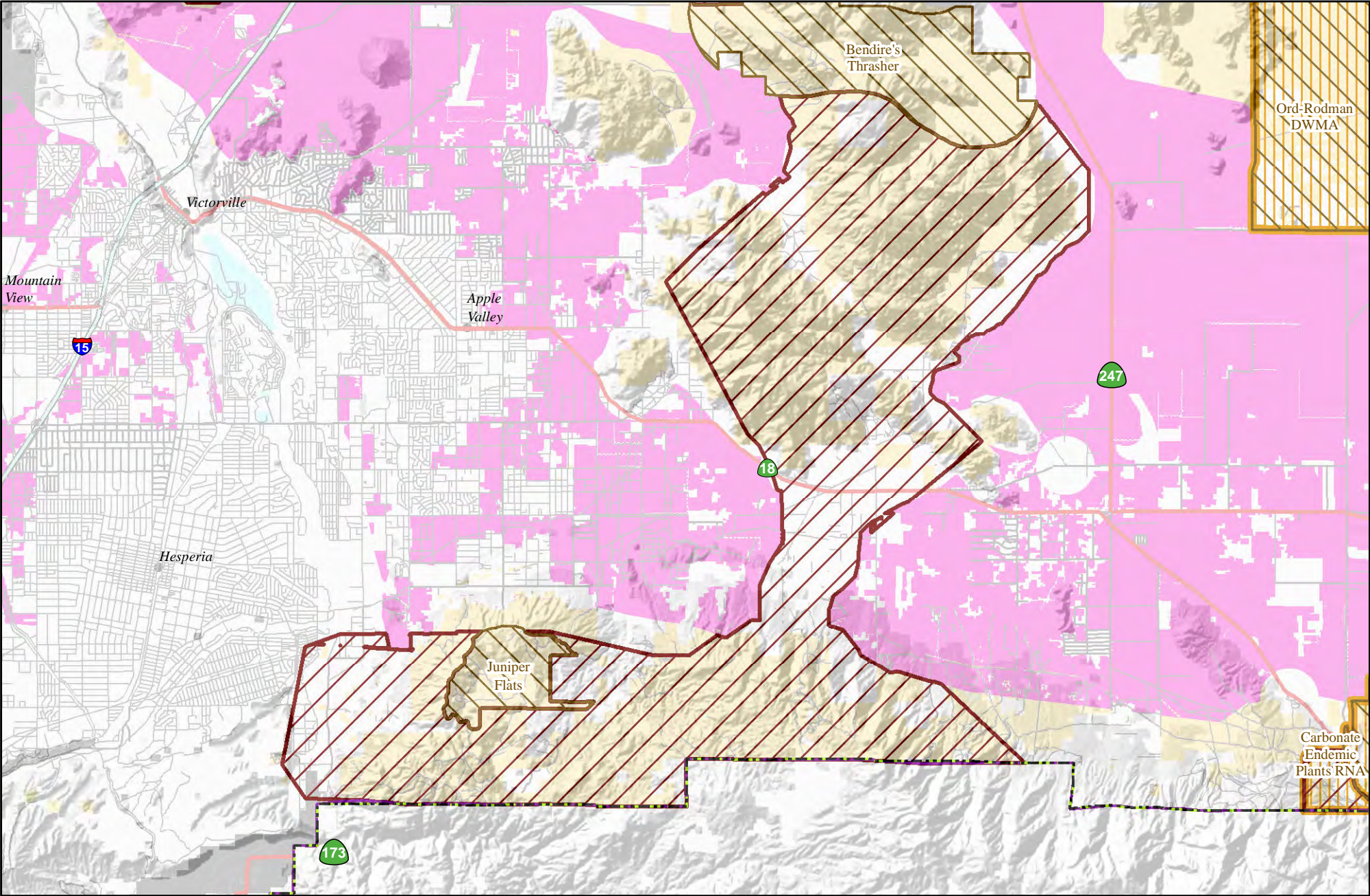
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Granite Mountain Corridor



## Alternative 3 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

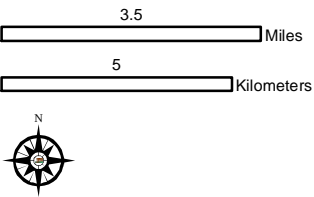
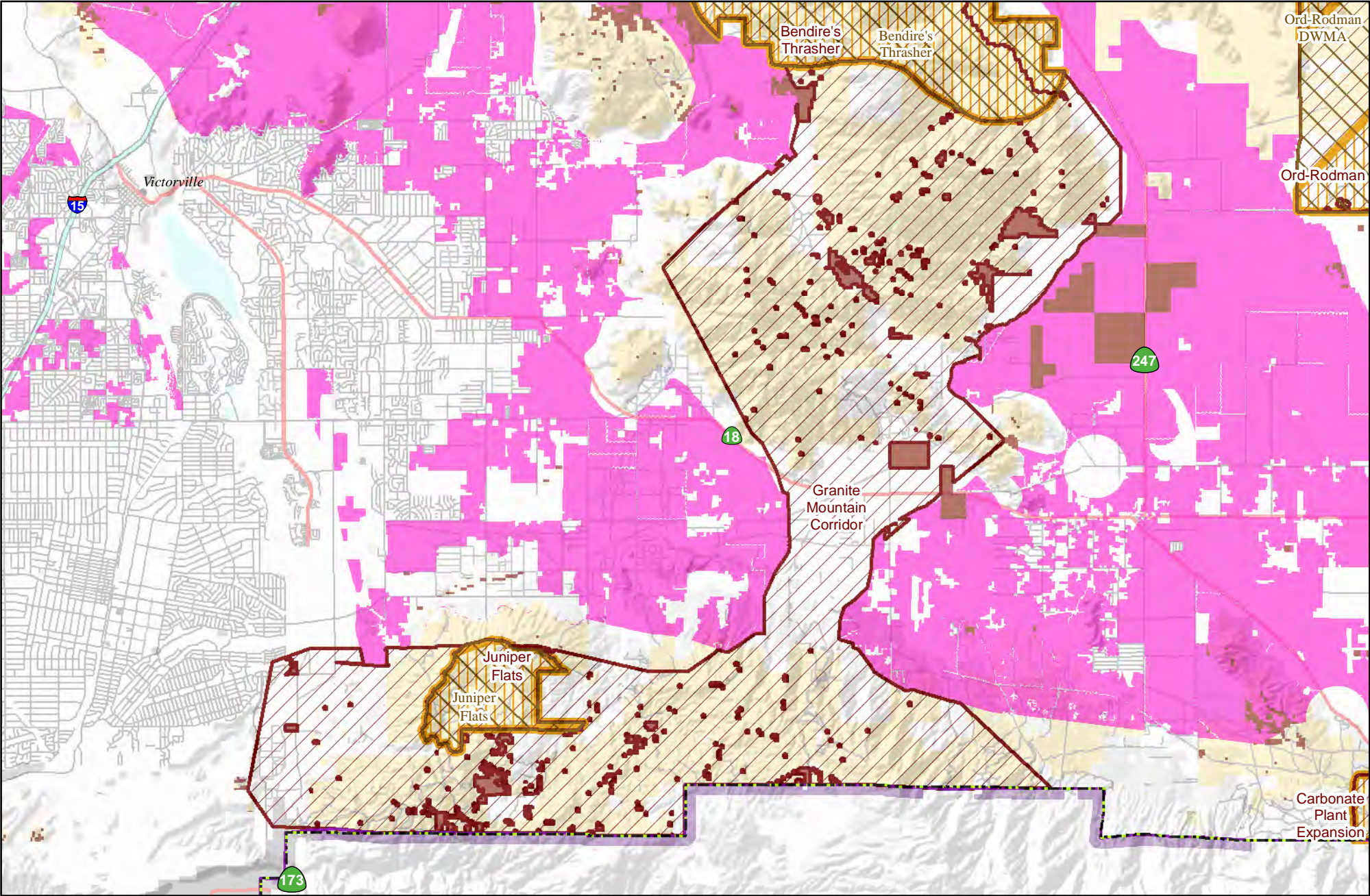
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Granite Mountain Corridor



## Alternative 4 ACECs

Date Printed: 8/6/2014

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### ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

### Design Focus Areas

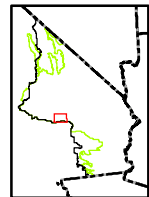
- Variance Lands
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



### Northern Lucerne Wildlife Linkage

**Description/Location:** Connects Ord-Rodman ACEC to the Mojave monkey flower ACEC and Bendire's Thrasher ACEC and is approximately 16 miles south-southwest of Barstow.

**Special Designations/Management Plan/Date:** new proposal

**Relevance and Importance Criteria:** Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, golden eagles, desert tortoise, prairie falcons and several other species. Additionally, numerous rare and sensitive plants have major populations here, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area. Without this corridor the towns of Lucerne Valley and Apple Valley will merge and create a block for wildlife movement.

**Goals:** Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

#### Designation and Acreage by Alternative:

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	0	22,800	0	0.5%
1	0	32,900	0	0.5%
2	0	0	0	NA
3	0	23,500	0	0.5%
4	0	21,100	0	0.25%

\* Acreage values are for BLM managed lands

#### Alternatives:

Under All Alternatives, except Alternative 2—This area would be identified as an ACEC and would be managed to support and maintain wildlife connectivity.

Under Alternative 2- This conservation area would not be designated, as most of the corridor would be designated as a Development Focus Area. The remaining portion was determined to be too fragmented and narrow to provide meaningful wildlife or plant connectivity.

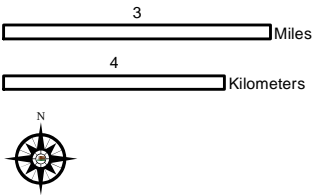
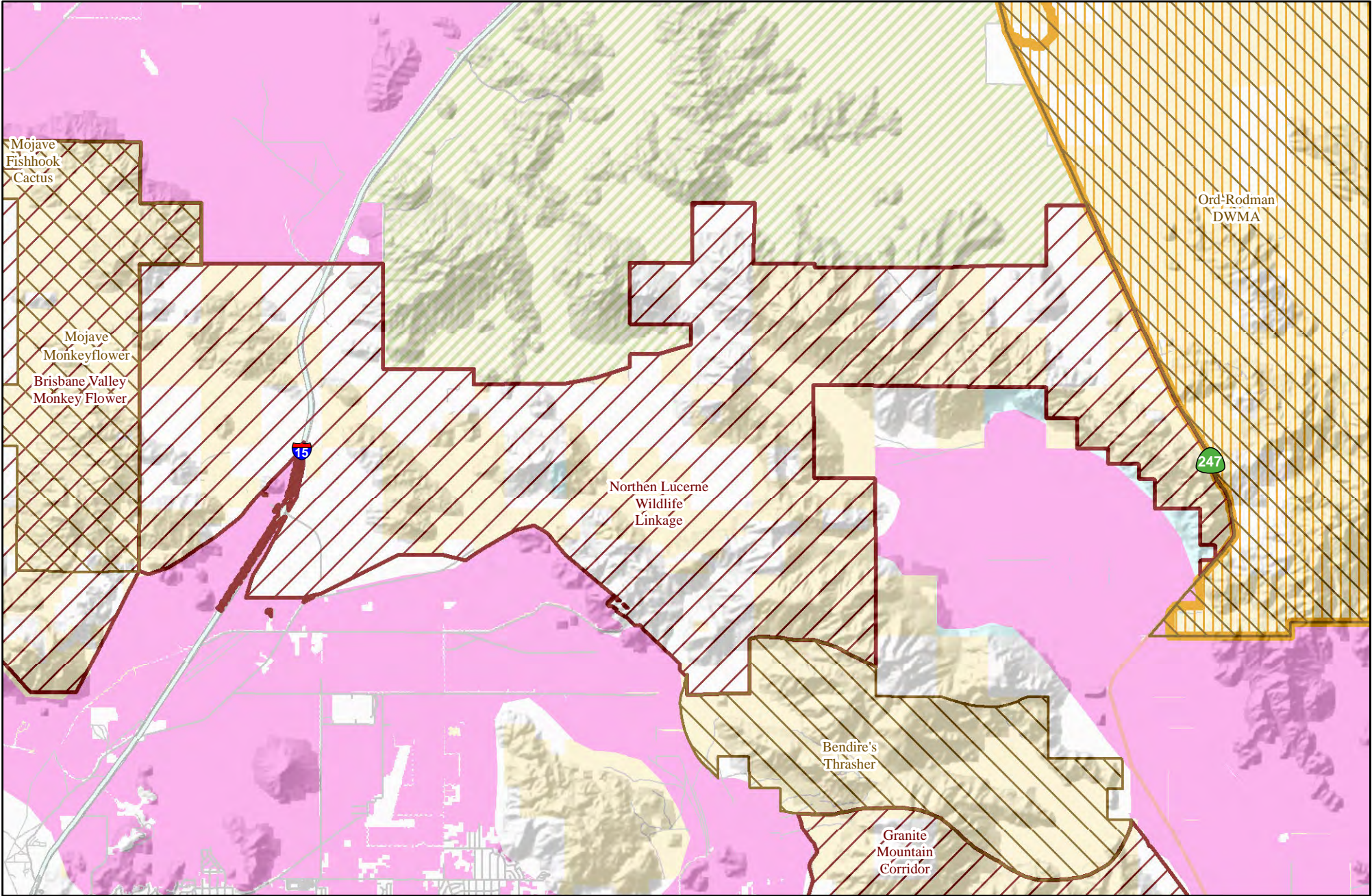
No Action – this conservation area would not exist, as it does not exist currently.



<b>Objectives (desired future conditions)/Allowable Uses/Management Actions</b>	<b>Resource</b>
Objective: Retain existing flow regime and volume in Mojave River Action: Secure Federal Reserve Water Right	Soil, water, air
Objective: Maintain or Improve condition of sensitive plant habitat Management Action1: Remove invasive plants, rehabilitate/revegetate disturbed areas Management Action 2: Protect populations of special status plants and rare natural communities. Known rare plants: Barstow woolly sunflower, Mojave monkeyflower	Vegetation - Including special status species
Objective: Maintain or improve condition of sensitive wildlife habitat Sensitive Species: Burrowing owl, Leontes thrasher, Prairie falcon, Golden eagles Management Action 1: Protect nesting Golden Eagle habitat, ensure productive nesting Management Action 2: Maintain viable populations and connections between other ACECs and critical habitat for Desert Tortoise	Fish and Wildlife Including special status species
Objective: Protect sensitive habitat from impacts associated with vehicle traffic Allowable Uses: All vehicle traffic limited to designated roads and trails Management Action 1: Establish no new routes in ACEC Management Action 2: Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes	Trails and Travel Management
Objective: Inform the public of the importance of the ACEC Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert	Recreation
Objective: Consolidate habitat management Management Action: Acquire inholdings from willing sellers Management Action: Collaborate with Apple Valley HCP development and implementation	Land Tenure
Objective: Maintain wildlife linkage Management Action: New proposals must not interfere with or inhibit wildlife crossing and movement through the area	Rights of Way (ROW)
Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria  Geothermal: Area is closed to geothermal leasing and development	Renewable Energy



# Northern Lucerne Wildlife Linkage



## Preferred Alternative ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

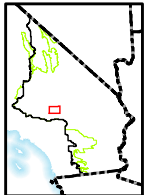
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

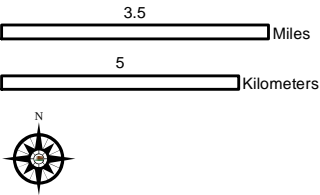
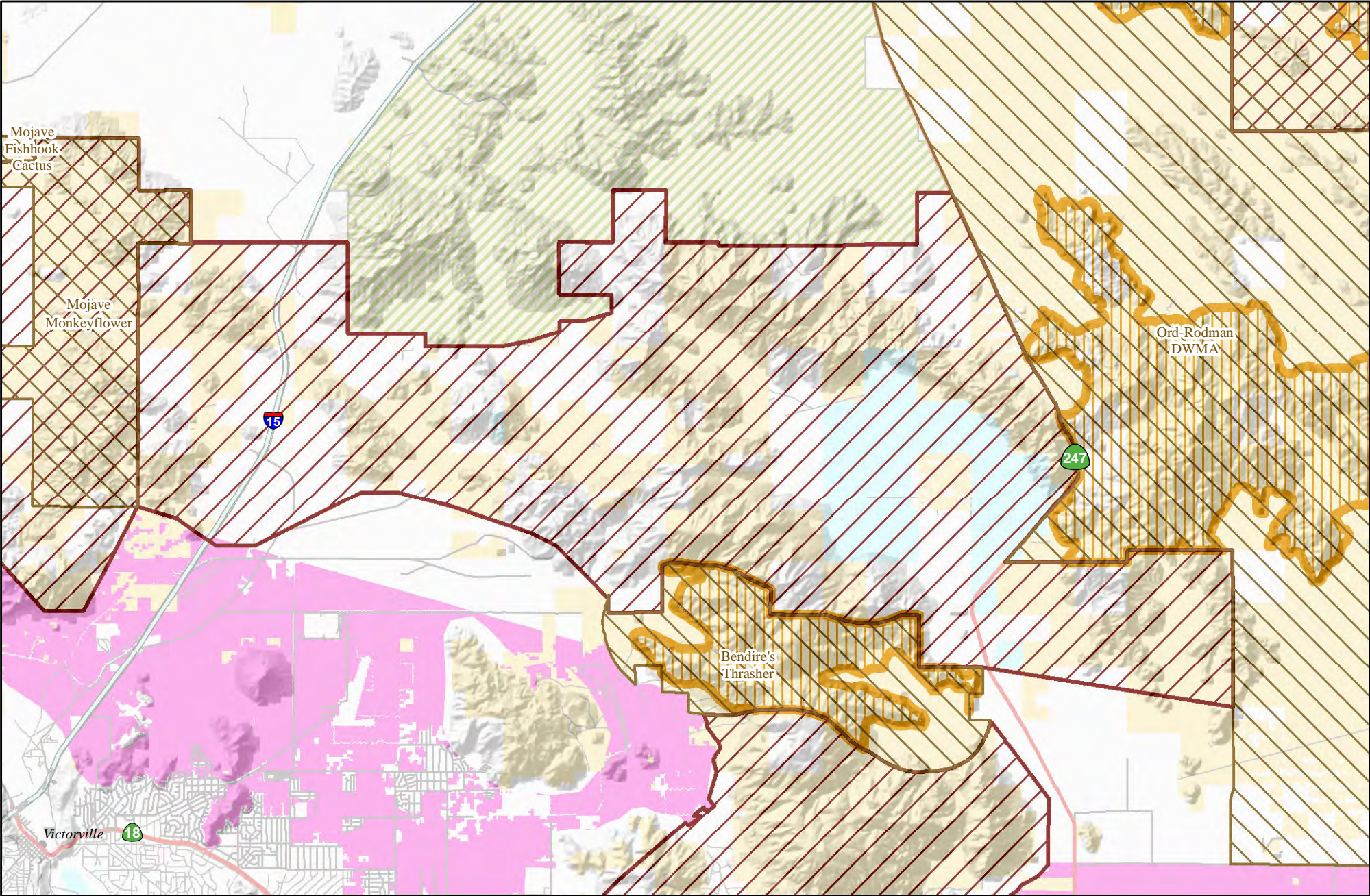
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Northern Lucerne Wildlife Linkage



## Alternative 1 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

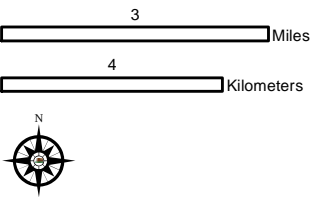
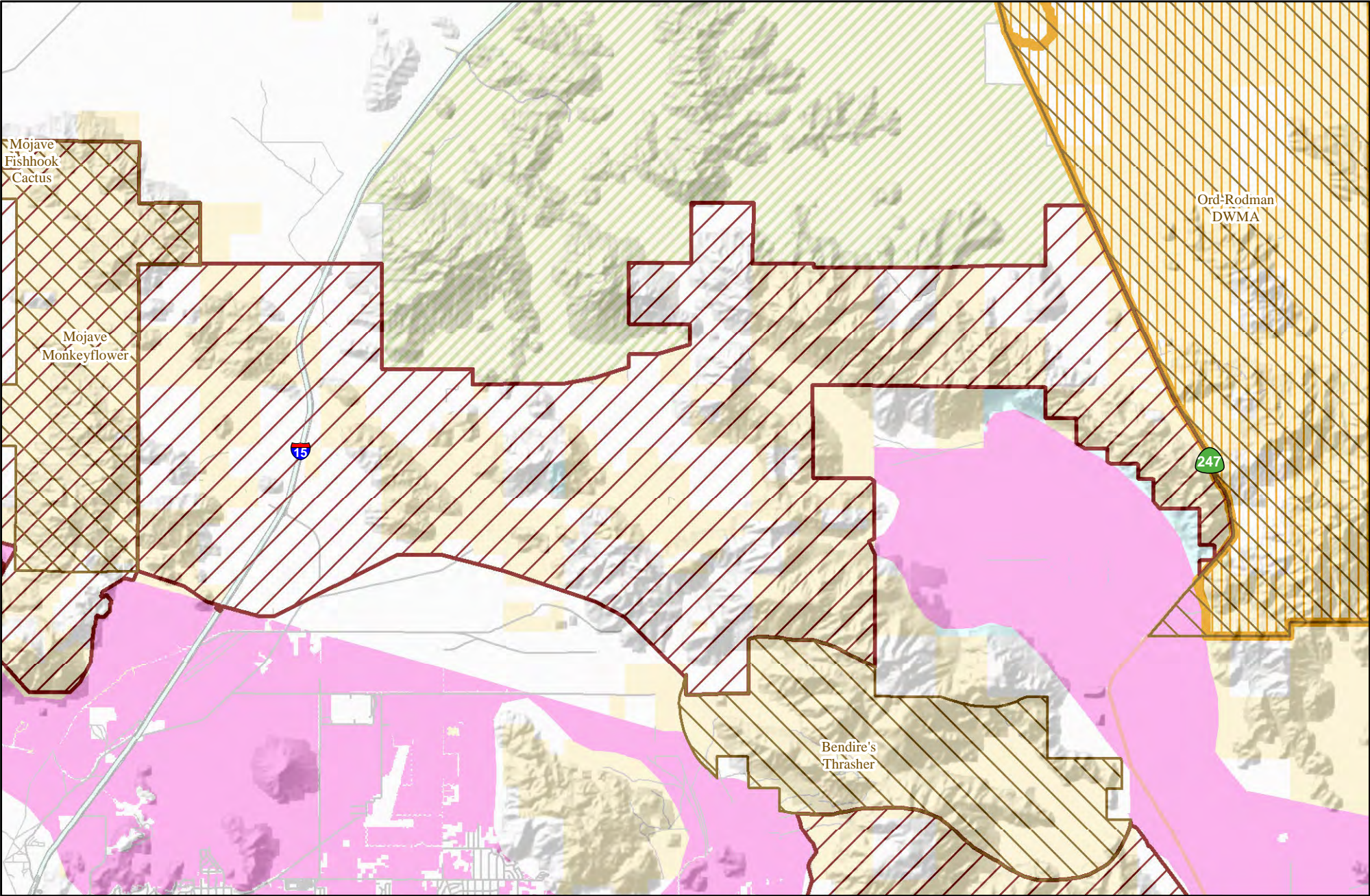
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Northern Lucerne Wildlife Linkage



## Alternative 3 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

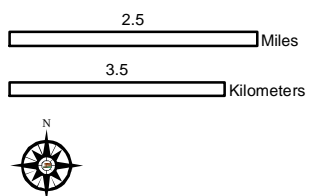
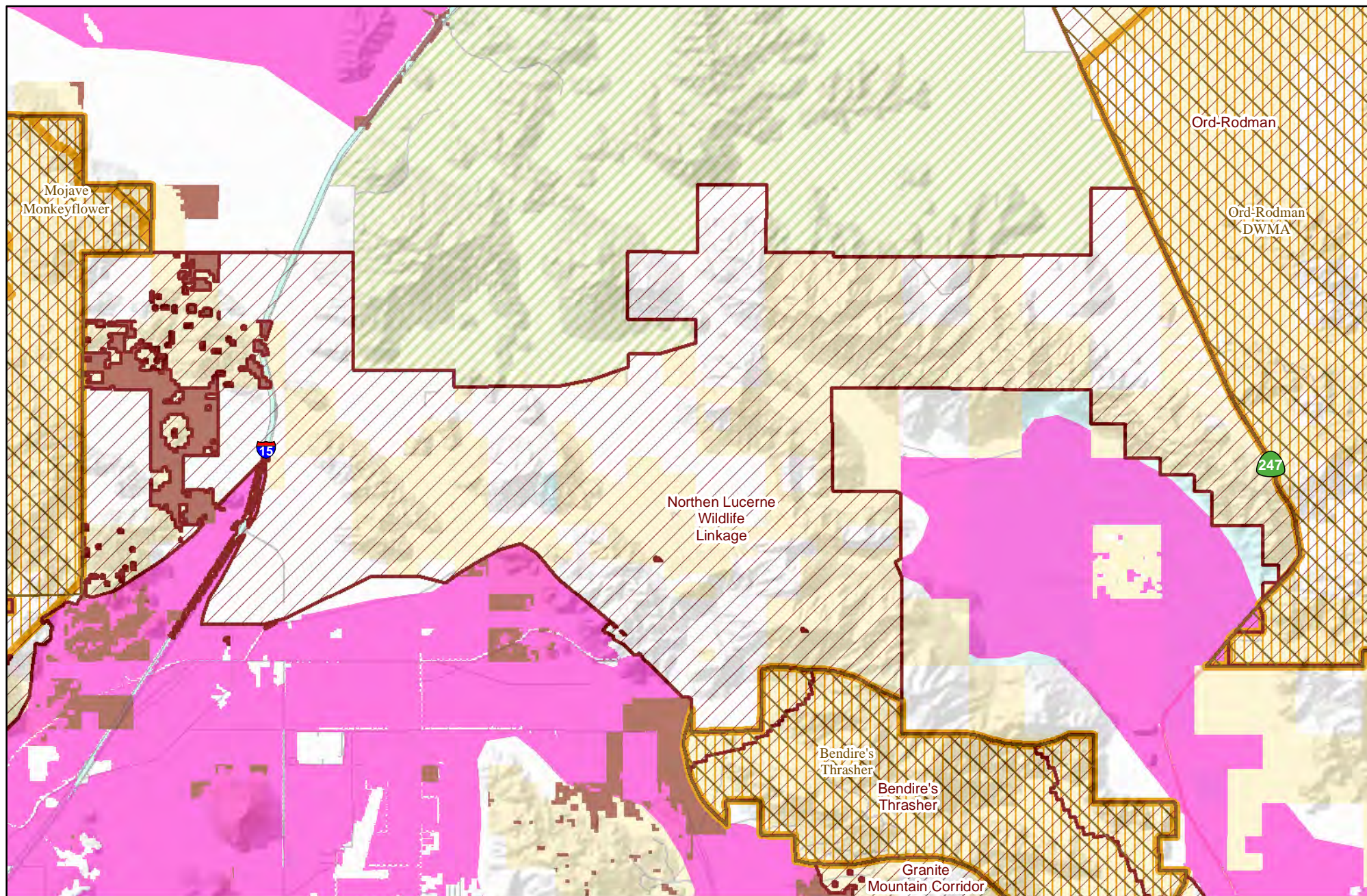
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Northern Lucerne Wildlife Linkage



## Alternative 4 ACECs

Date Printed: 8/6/2014

Prepared by BLM California State Office



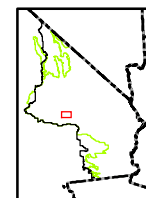
### ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

- Design Focus Areas
- Variance Lands
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

- Land Status**
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

- GTLF**
- Interstate
- US Hwy
- CA Hwy
- County Hwy





### Old Woman Springs Wildlife Linkage

**Description/Location:** South and west of Hwy 247, north and east of Bighorn Mountain Wilderness, between the towns of Lucerne Valley and Yucca Valley and Pioneertown.

**Nationally Significant Values:**

Ecological: The area is critical for bighorn sheep, Mojave fringed toed lizards, desert tortoise, burrowing owl and several other species. Additionally, numerous rare and sensitive plants have significant populations here, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area.

**Special Designations/Management Plan/Date:** new proposal

**Relevance and Importance Criteria:** Relevant biological resources including wildlife and plant assemblages. The area is critical for bighorn sheep, Mojave fringed toed lizards, desert tortoise, burrowing owl and several other species. Additionally, numerous rare and sensitive plants have significant populations here, making the area regionally significant. The area provides critical links for wildlife populations to the north and south of this linkage area.

**Goals:** Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	67,100	69,100	0	0.5%
1	18,700	51,800	22,600	0.5%
2	10,100	11,700	0	0.10%
3	67,100	69,100	0	0.5%
4	15,200	0	15,200	NA

\* Acreage values are for BLM managed lands

**Alternatives:**

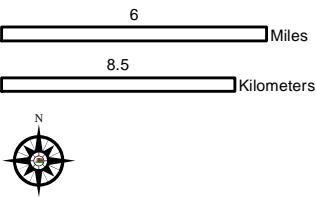
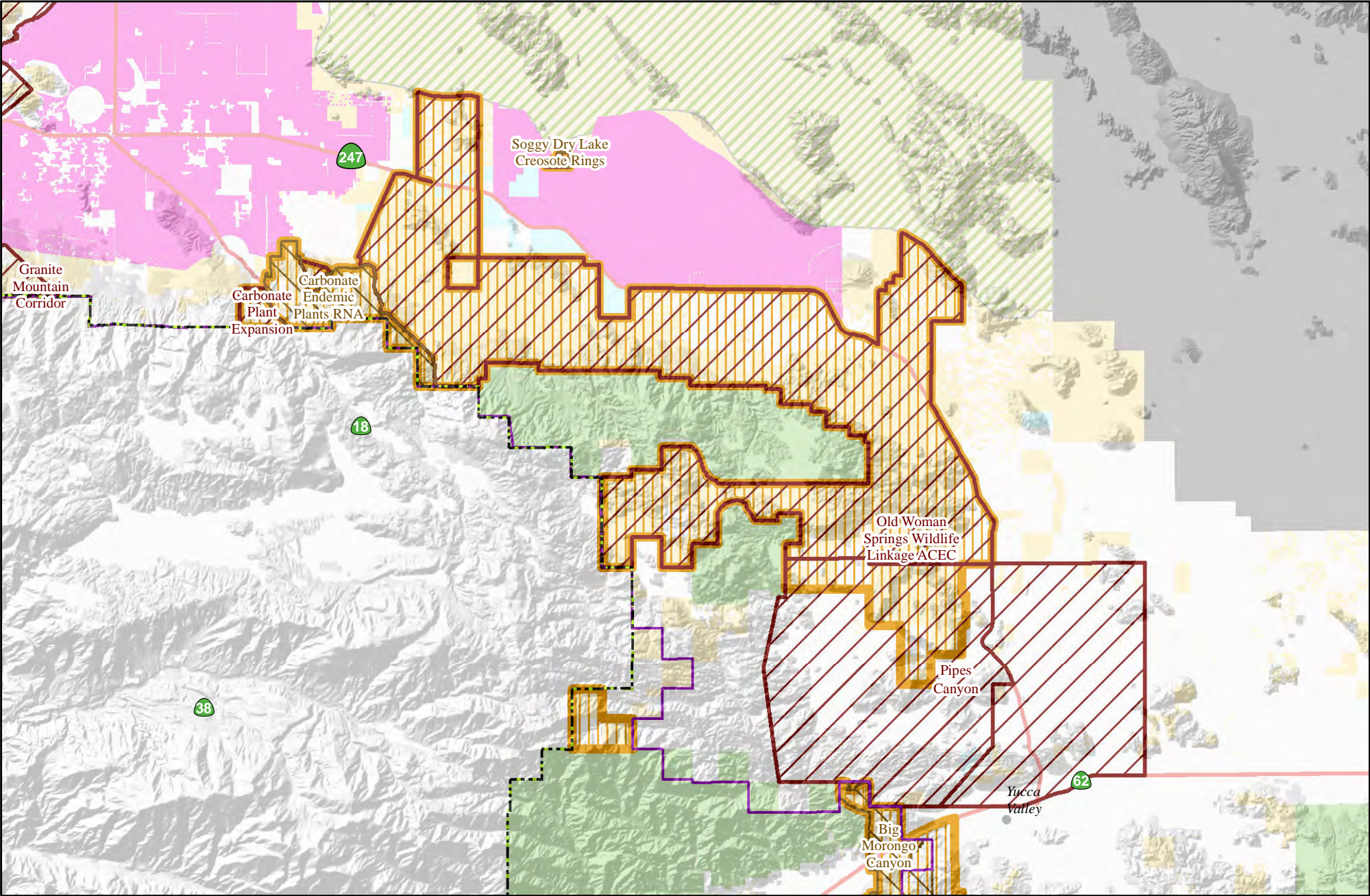
Under All Alternatives—This area (size and location vary between alternative, see table above and maps that follow) would be identified as an ACEC and/or Wildlife Allocation Area and would be managed to support and maintain wildlife connectivity.

No Action – this conservation area would not exist, as it does not exist currently.

Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or Improve condition of special status plant habitat</p> <p>Management Action1: Remove invasive plants, rehabilitate/revegetate disturbed areas</p> <p>Management Action 2: Protect populations of special status plants</p> <p>Known rare plants:</p> <p><i>Piranga rubra</i></p> <p><i>Mimulus mohavensis</i></p> <p><i>Mentzelia tridentata</i></p> <p><i>Chorizanthe xanti</i></p> <p><i>Linanthus maculatus</i></p> <p><i>Astragalus bernardinus</i></p> <p>Management Action 3: Protect Natural Communities listed as rare by the state.</p>	Vegetation - Including special status species
<p>Objective: Maintain or Improve condition of sensitive wildlife habitat</p> <p>Sensitive Species:</p> <p>Burrowing owl</p> <p>Leconte's thrasher</p> <p>Prairie falcon</p> <p>Golden eagles</p> <p>Management Action 1: Protect nesting Golden Eagle habitat, ensure productive nesting</p> <p>Management Action 2: Maintain viable populations and connections between other conservation areas</p> <p>Objective: Maintain or improve condition of Nelson Desert Bighorn Sheep habitat</p> <p>Management Action 1: Maintain viable populations and connections between other conservation areas</p> <p>Management Action 2: Evaluate water sources and determine if artificial water sources should be developed</p> <p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action: Maintain viable populations and connections between other conservation areas</p>	Fish and Wildlife Including special status species
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action 1: Establish no new routes in ACEC</p> <p>Management Action 2: Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes</p>	Trails and Travel Management
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert</p>	Recreation

Objective: Consolidate habitat management Management Action: Acquire inholdings from willing sellers	Land Tenure
Objective: Maintain wildlife linkage Management Action: New proposals must not interfere with or inhibit wildlife crossing and movement through the area	Rights of Way (ROW)
Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria  Geothermal: Area is closed to geothermal leasing and development	Renewable Energy

# Old Woman Springs Wildlife Linkage



## Preferred Alternative ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

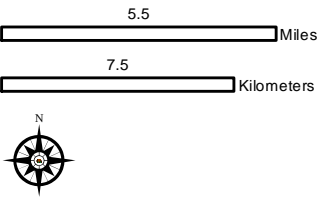
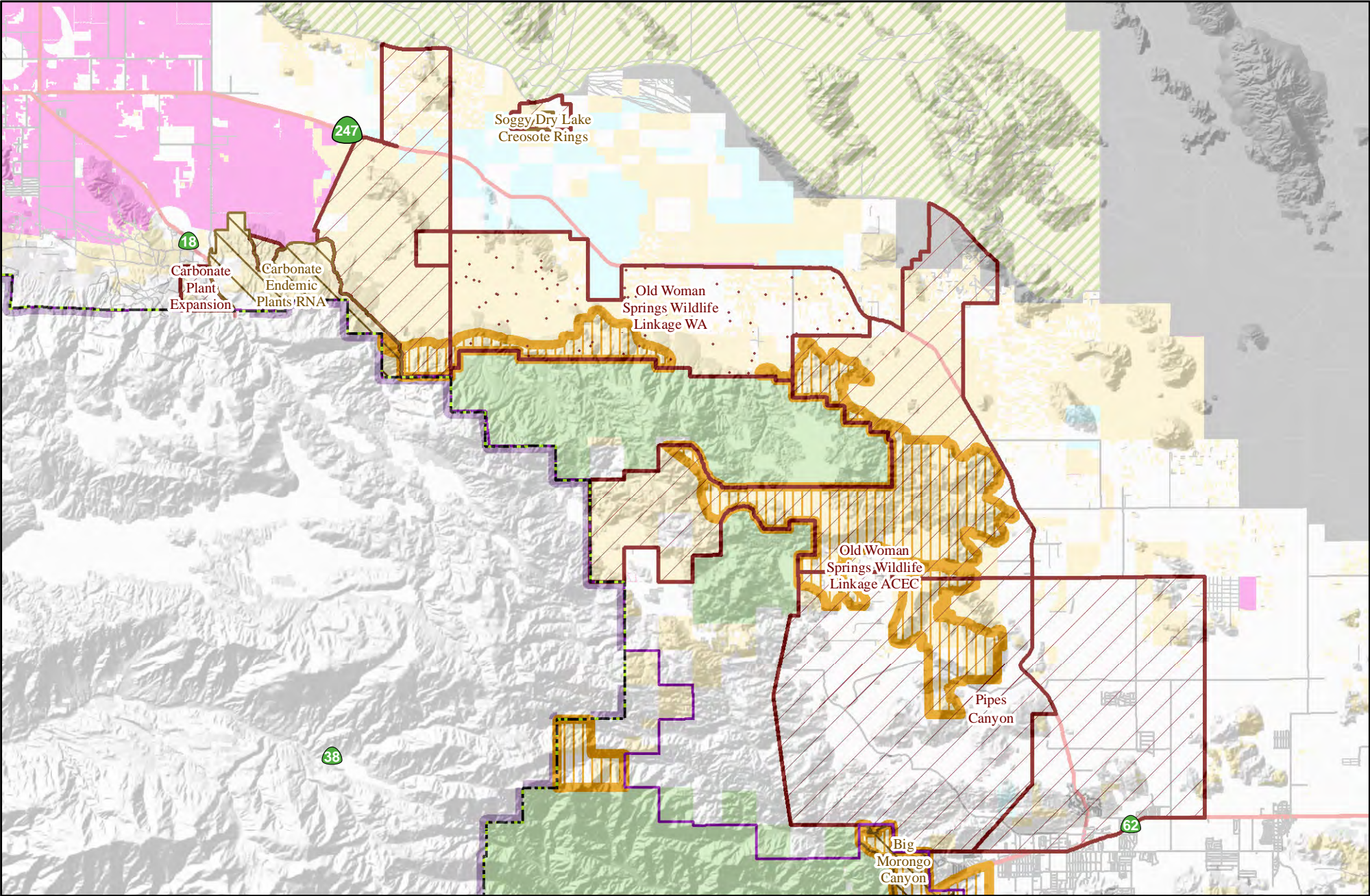
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Old Woman Springs Wildlife Linkage



Alternative 1 ACECs  
Date Printed: 7/17/2014  
Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

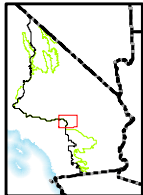
- Design Focus Areas
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

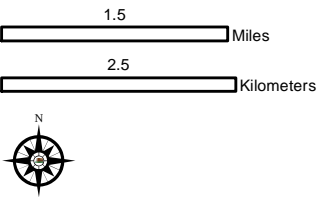
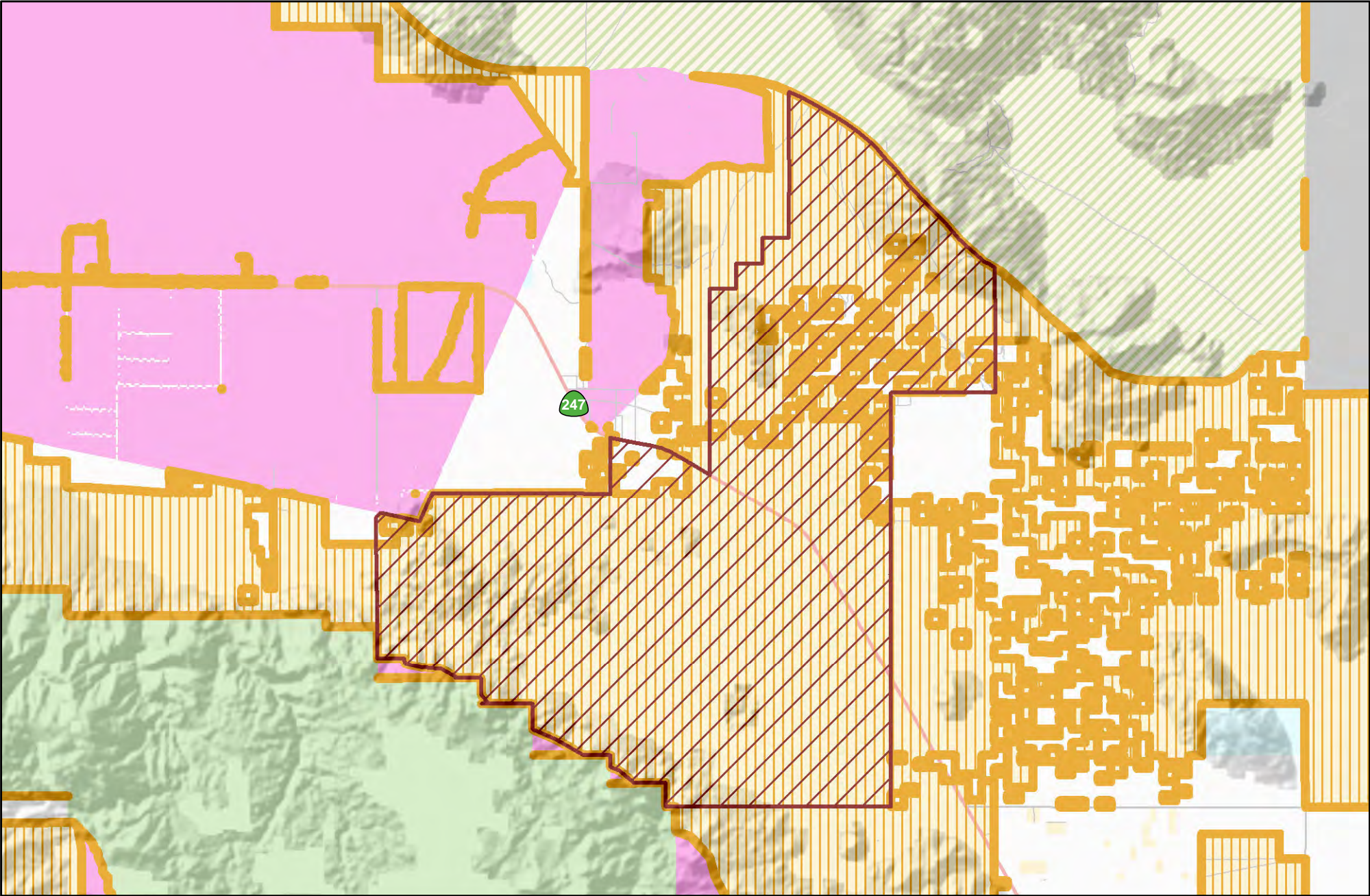
## GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Old Woman Springs Wildlife Linkage



Alternative 2 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

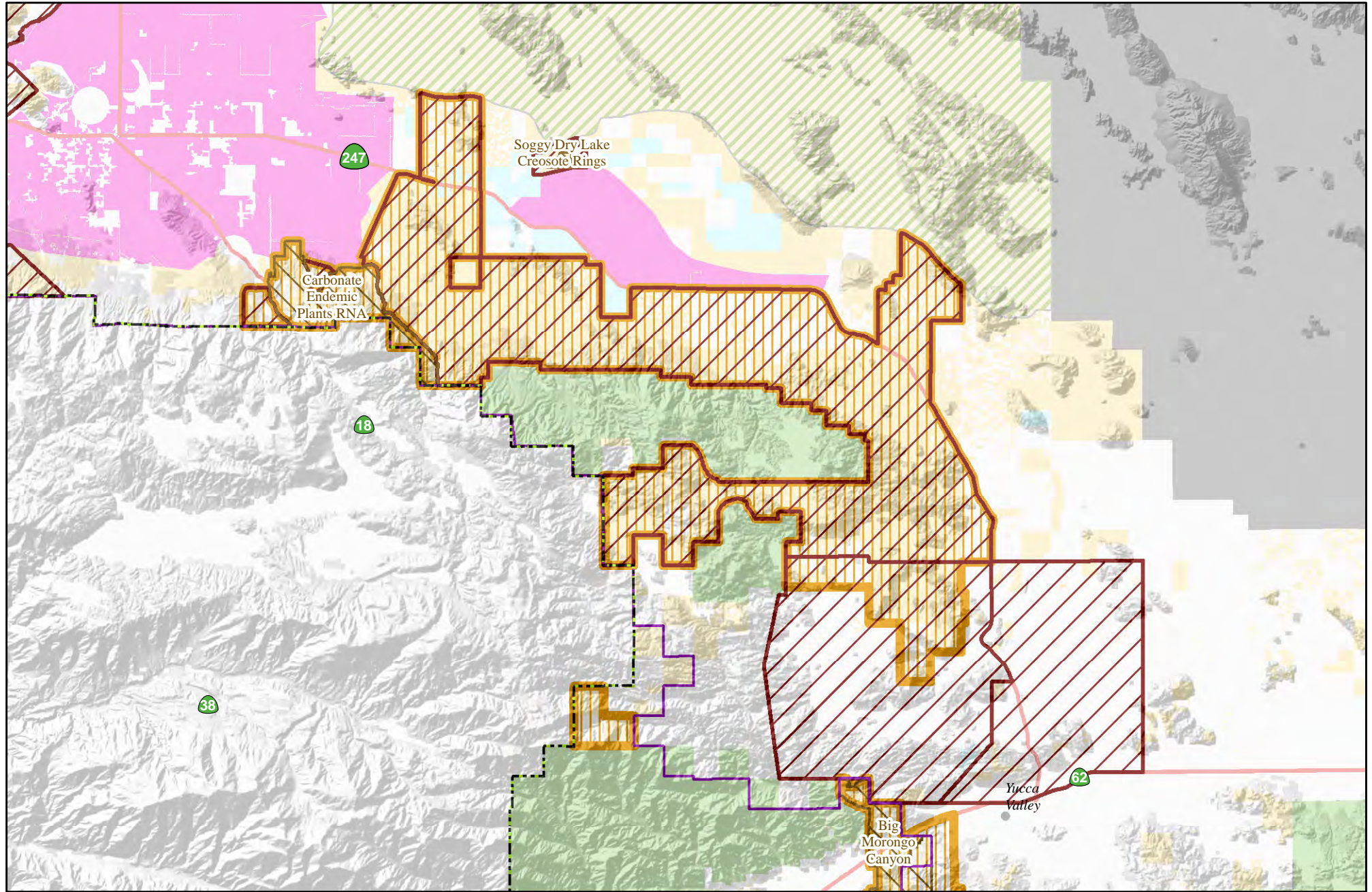
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Old Woman Springs Wildlife Linkage



6 Miles  
8.5 Kilometers



## Alternative 3 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

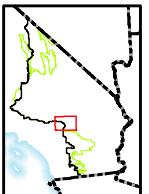
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

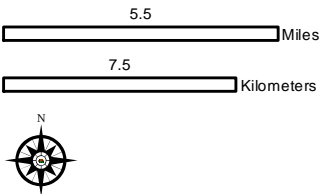
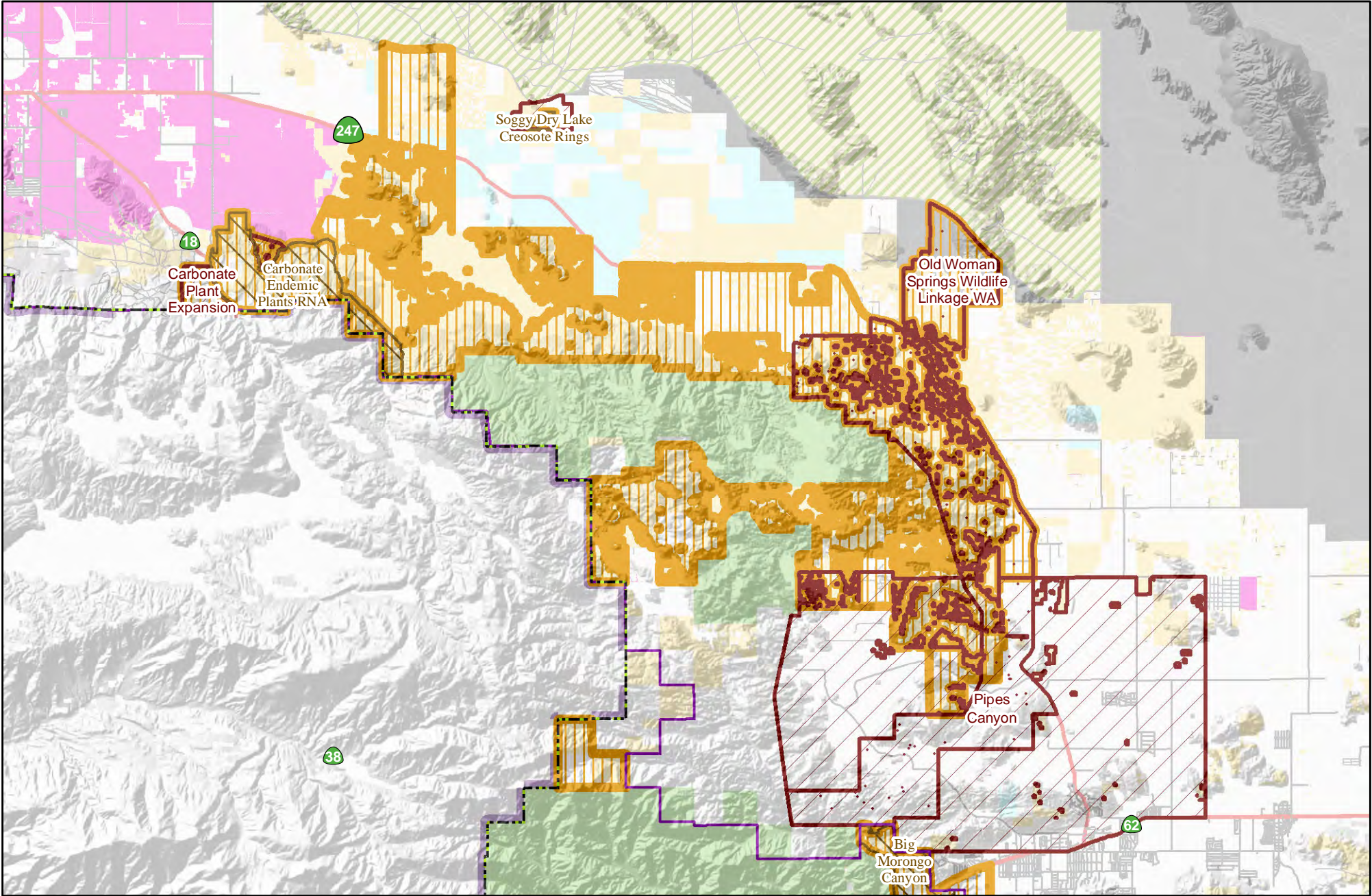
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Old Woman Springs Wildlife Linkage



Alternative 4 ACECs

Date Printed: 7/17/2014

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

- Design Focus Areas
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

## GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy



### Pipes Canyon

**Description/Location:** Surrounds Pioneertown and Rimrock, it is south of Landers and North of Yucca Valley.

**Nationally Significant Values:**

Cultural: The Pipes Canyon area has numerous prehistoric resources that meet criteria for inclusion in the National Register of Historic Places (NRHP) as contributing elements of an Eligible District. This area is of particular cultural interest to local native American Tribes.

**Special Designations/Management Plan/Date:** Newly proposed.

**Relevance and Importance Criteria:** Relevant and important resource values include prehistoric cultural resources associated with various indigenous periods. Area has numerous prehistoric resources that would meet criteria for inclusion to the National Register of Historic Places as contributing elements of an Eligible District. This area has the greatest concentration of known NRHP eligible sites within the Barstow Field Office.

**Goals:** Protect cultural, historic, and scenic values while providing for compatible public uses.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	0	0	NA
Preferred Alternative	3,500	6,200	0	0.10%
1	3,900	8,700	0	0.10%
2	1,800	2,800	0	0.10%
3	3,500	6,200	0	0.10%
4	4,700	6,800	0	0.10%

\* Acreage values are for BLM managed lands

**Alternatives:**

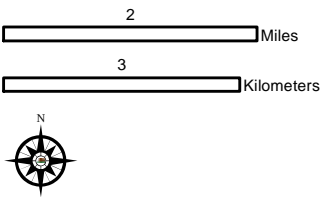
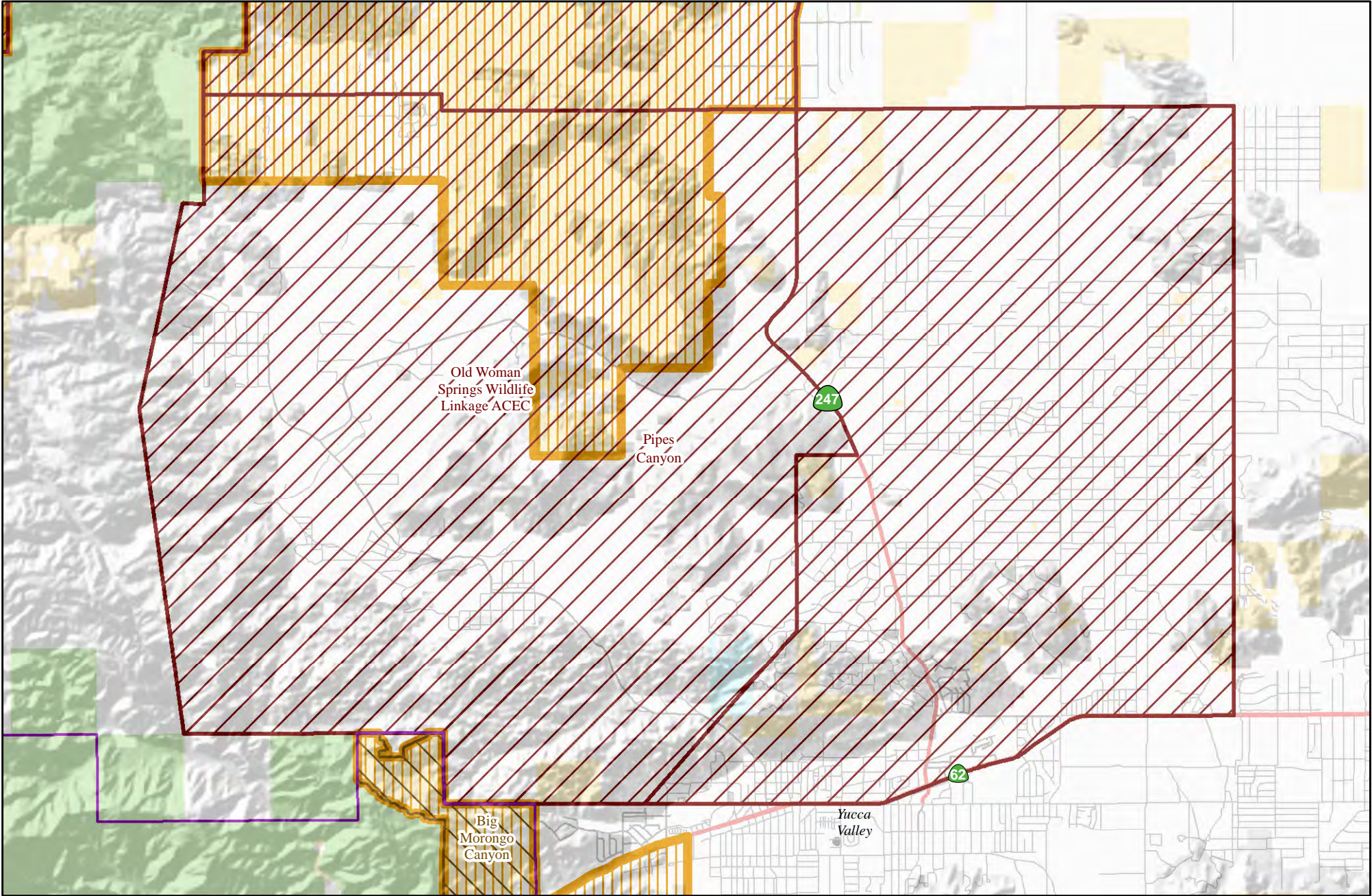
All action Alternatives: Establish this new ACEC and identify the same management goals and objectives. Alternatives vary on size and location of the ACEC (see table above and maps that follow).

No Action – this conservation area does not exist.

<b>Objectives (desired future conditions)/Allowable Uses/Management Actions</b>	<b>Resource</b>
See programmatic ACEC cultural resources objective and action items in general cultural resources rules.	Cultural Resources
Objective: General Management and Protection of Paleontological Resources Allowable Uses: N/A Management Action 1: Manage and protect fossil resources consistent with the Paleontological Resources Preservation Act Management Action 2: Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed	Paleontology
Objective: Protect sensitive cultural resources from human disturbance Allowable Uses: Restricted motorized use to designated open routs of travel Management Action 1: Monitor and enforce closure of selected routes of travel Management Action 2: Install signs and use barriers to direct vehicle traffic away from sensitive cultural resources	Trails and Travel Management
Objective: Provide for dispersed opportunities while protecting relevant resources Management Action: Do not establish new routes near sensitive cultural resources	Recreation
Exclusion zone for site ROW, okay for linear, no ROW which would impact cultural resources	Rights of Way (ROW)
Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria  Geothermal: Area is closed to geothermal leasing and development	Renewable Energy



# Pipes Canyon



## Preferred Alternative ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

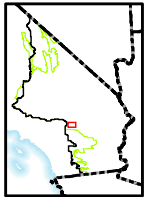
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

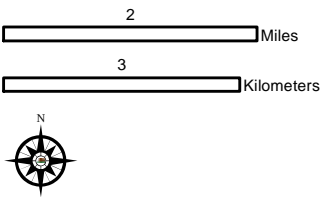
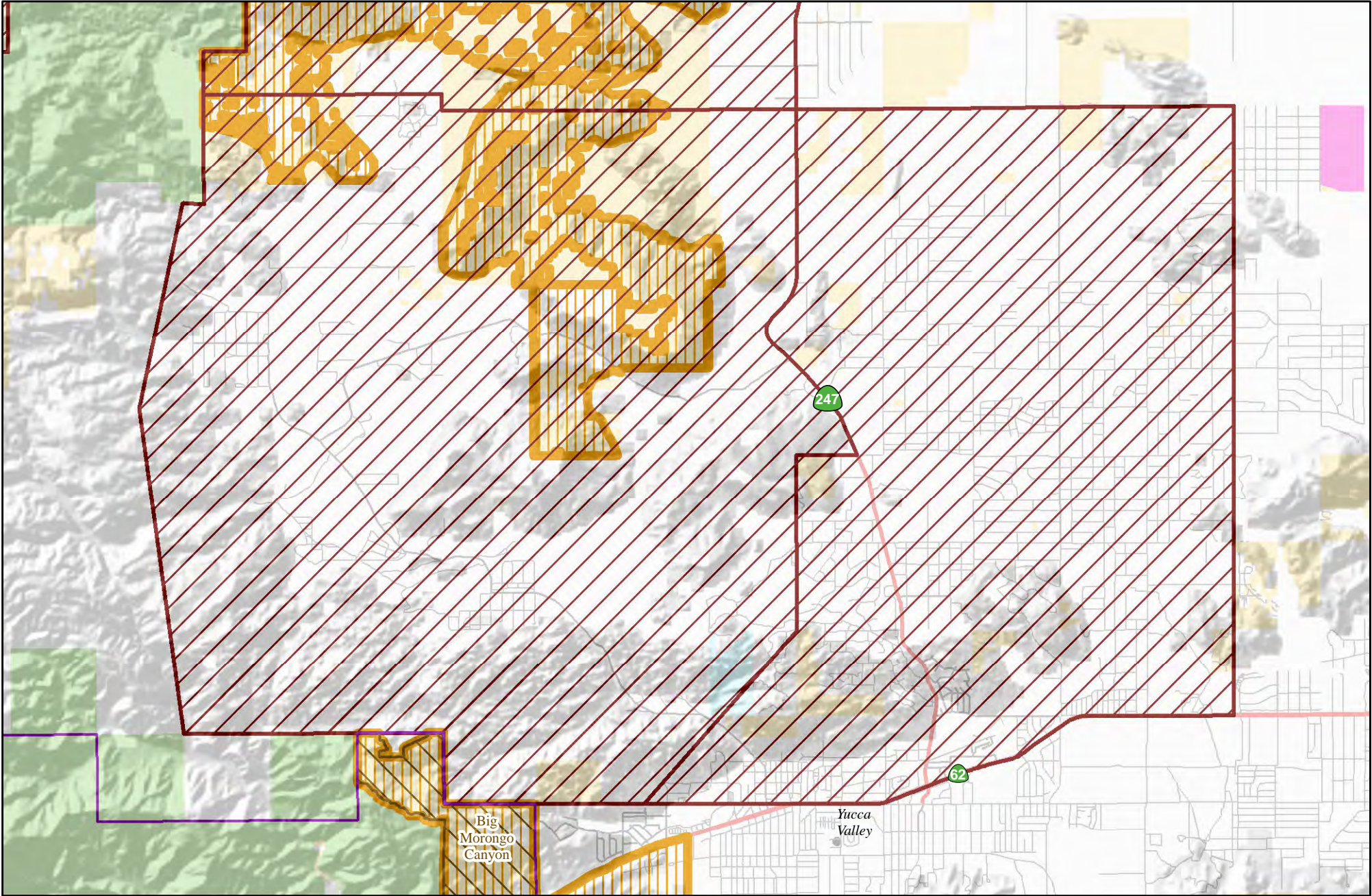
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Pipes Canyon



## Alternative 1 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

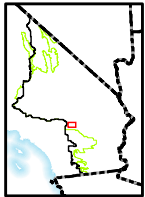
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

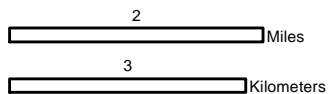
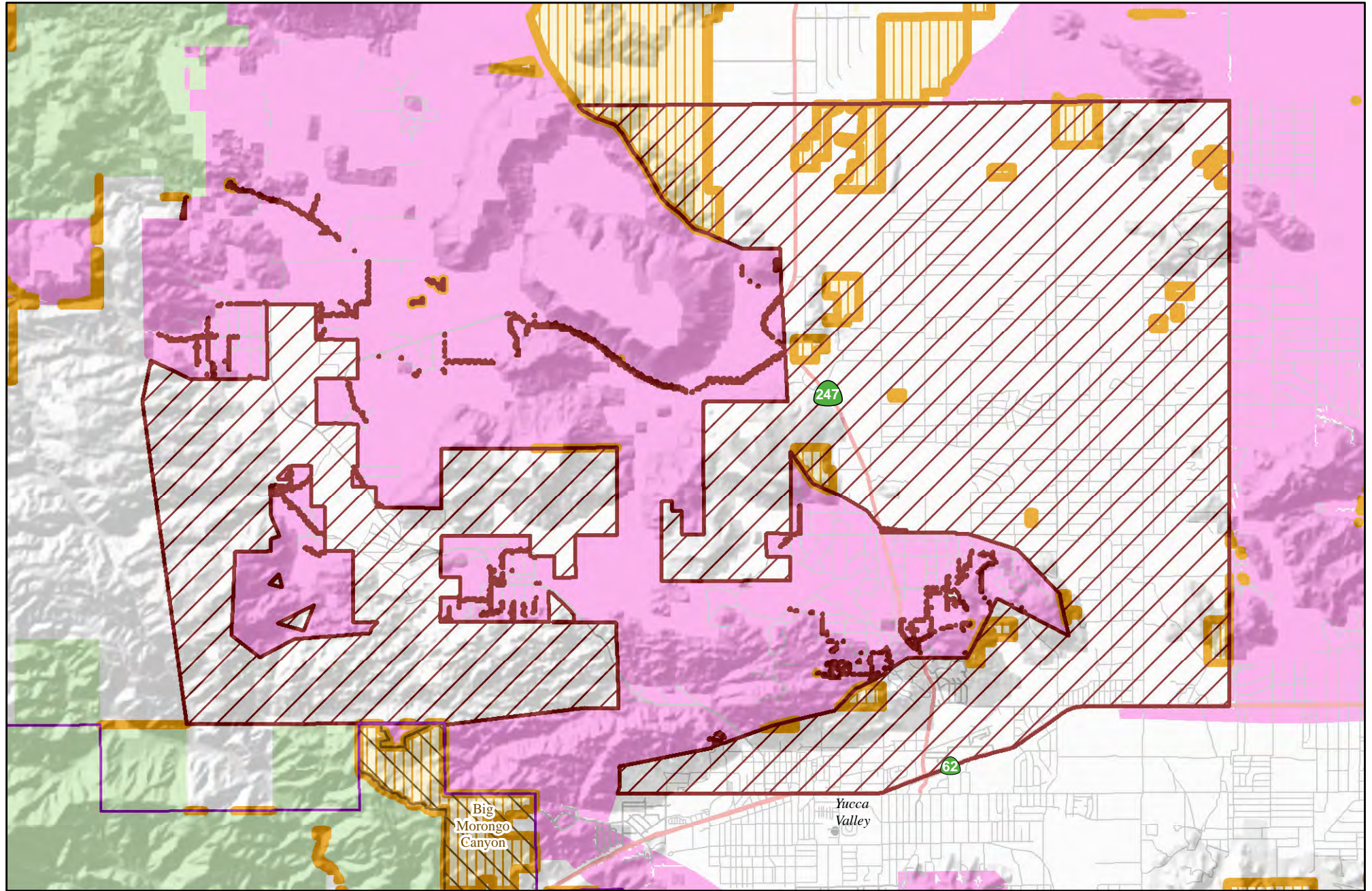
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Pipes Canyon



## Alternative 2 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

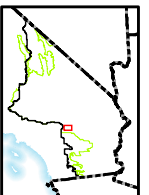
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

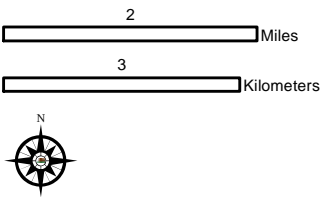
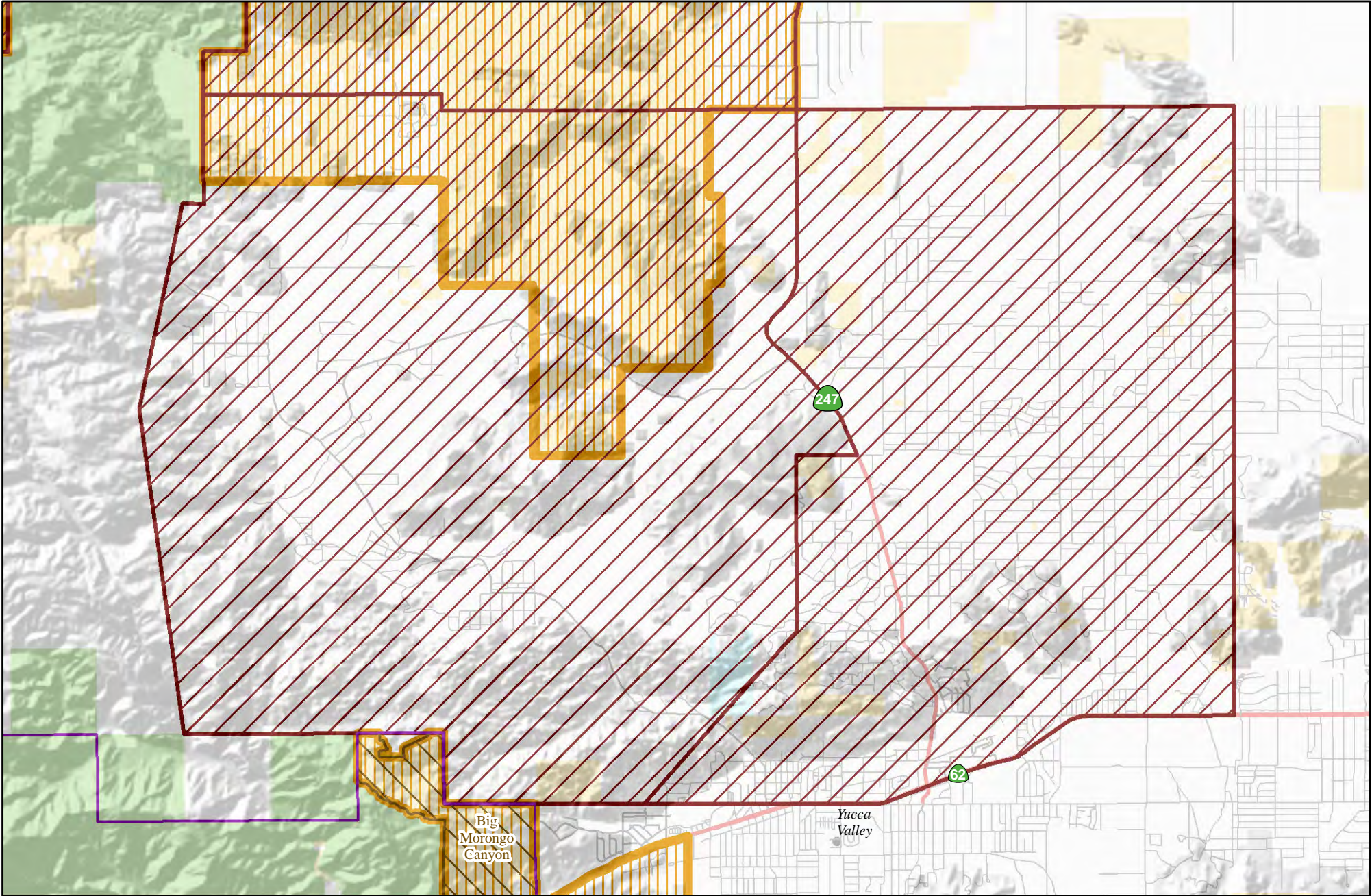
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Pipes Canyon



## Alternative 3 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

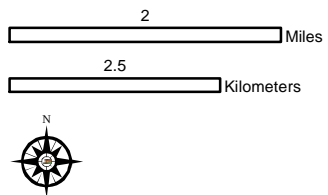
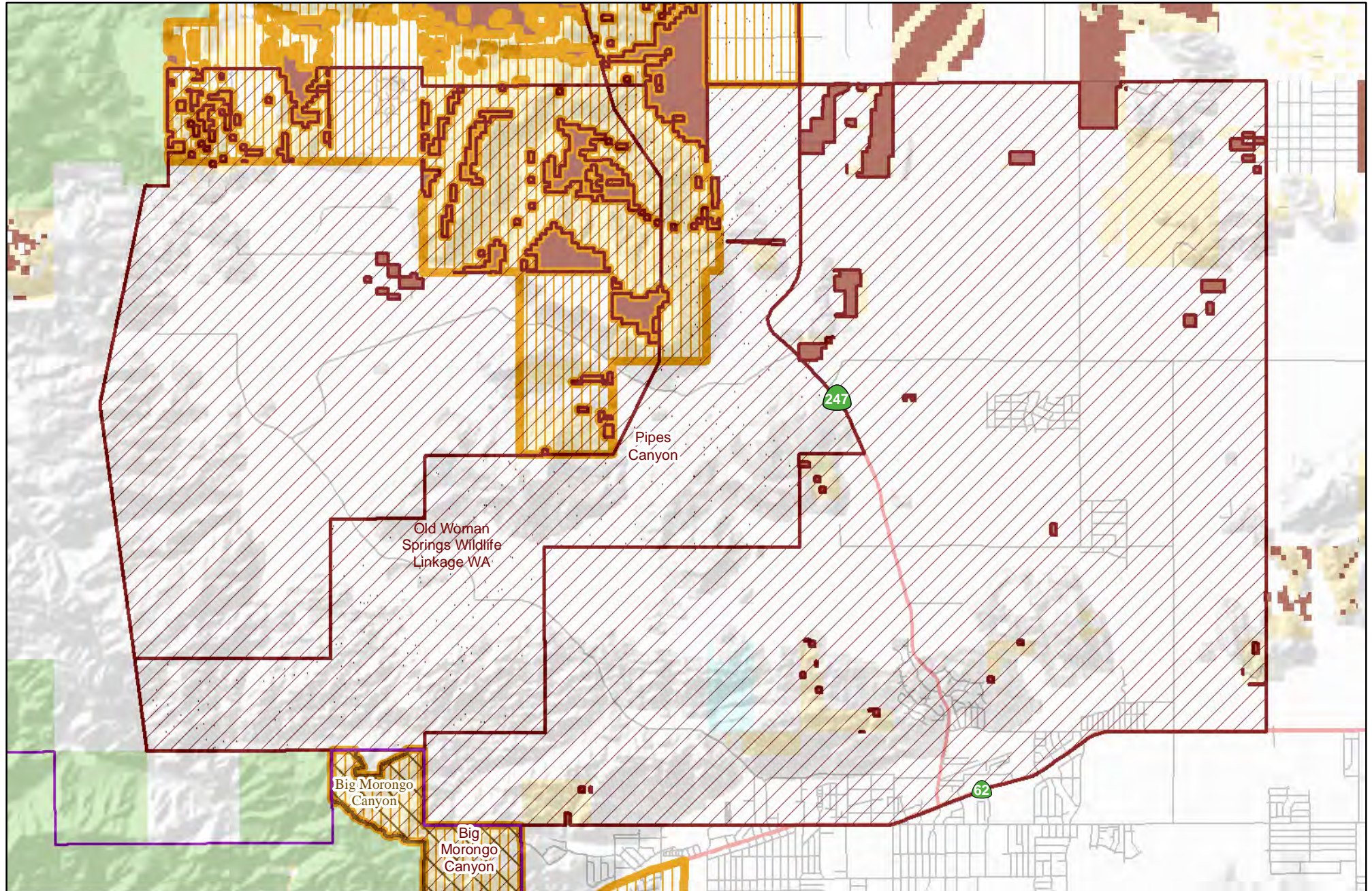
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Pipes Canyon



Alternative 4 ACECs

Date Printed: 8/6/2014

Prepared by BLM California State Office



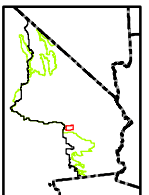
## ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

- Design Focus Areas
- Variance Lands
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

- ## Land Status
- Bureau of Land Management
  - State
  - Other Federal
  - Military
  - Private

- ## GTLF
- Interstate
  - US Hwy
  - CA Hwy
  - County Hwy





## Big Morongo Canyon

**Description/Location:** The Big Morongo Canyon Preserve is located in the Little San Bernardino Mountains adjoining the west boundary of Joshua Tree National Park. The Preserve is south of the town of Morongo Valley and north of Desert Hot Springs in both San Bernardino and Riverside Counties. The Preserve encompasses over 30,000 acres of public lands and 240 acres of San Bernardino County Regional Park lands. The Preserve is within both the Coachella Valley and Pinto, Lucerne Valley, and Eastern Slopes DRECP subareas. Due to the nationally significant values listed below, it is within the proposed Sand to Snow National Monument.

### Nationally Significant Values

**Ecological Values:** Nestled within the western extension of the Little San Bernardino Mountains, the 31,000-acre Big Morongo Canyon Preserve and ACEC is managed by BLM to preserve its outstanding natural and scenic values as well as recreational opportunities within a preserve environment. This area is characterized by steep canyons, rugged terrain and a desert oasis. The area is especially high in natural diversity due to its location within a transition/intersection between coastal California, Sonoran/Colorado Desert, and Mojave Desert Ecosystems. The Preserve includes an internationally recognized desert oasis and marsh that is one of the 10 largest cottonwood and willow riparian habitats in California. It is also identified by the Audubon Society as one of the most important avian habitat areas in California. The centerpiece of the Preserve is the Big Morongo Marsh, one of the few cottonwood oases in the California Desert. The Preserve has been designated as an Important Bird Area by the American Bird Conservancy, the American Birding Association, and the Watchable Wildlife National Program, and is featured in the National Geographic Guide to Bird Watching Sites. Over 247 bird species have been recorded in the Preserve, with at least 72 resident breeding species and draws visitors worldwide for astounding bird watching opportunities. The Preserve contains six distinct plant communities supporting an extensive array of animal and plant life. It is also noted as prime habitat for a many protected plant and wildlife species and the marsh/wetlands are considered a critical water source for many species such as Desert bighorn sheep and mule deer. It is home to a large number of protected species including: Least Bell's vireo (*Vireo bellii pusillus*) (Federally endangered), Southwestern willow flycatcher (*Empidonax traillii extimus*) (Federally endangered), Agassizi's Desert Tortoise (*Gopherus agassizi*) (Federally threatened), Desert bighorn sheep (*Ovis canadensis*) (BLM sensitive), and Triple-ribbed milkvetch (*Astragalus tricarlinatus*) (Federally endangered).

**Cultural Values:** Significant cultural and historic values are associated with Big Morongo Canyon. The Morongo Preserve was the site of a large (>10 acre) historic "*Maringa*" (Morongo) Native American Serrano permanent settlement. The site, CA SBR-561, is a large residential site with a continuous, dependable source of water. The valuable biotic resource assemblage that the water attracted, provided for ample food and manufacturing materials to support the view of it being a permanent *Maringa* Serrano residence for a long span of time. Present on the site are bedrock mortars, several types of ceramic wares, lithic tool stone debitage and numerous late period projectile points. Human remains were discovered on the site in 1994 that were not cremated, suggesting a greater age of the site since Serrano traditionally cremated their deceased in historic and ethnographic times. Little is known of the archaeological site, since no known ethnographic or historic accounts exist. The Serrano people who occupied this site had long before either left the area during the mission period, joining and merging with the populations of Cahuilla to the south and west on reservation lands, or had succumbed to European introduced diseases long before. As of 2013, no organized excavations have been conducted on this site, however, vandalism and indiscriminant looting has been reported in the past. It is likely that the reported evidence of looting was from actions that occurred before the preserve was occupied and monitored by the present management administration. There remains a strong likelihood that a wide-spread and significant sub-surface archaeological deposit is

still present. This cultural resource likely retains important knowledge that could add significantly to the archaeological record and provide valuable new knowledge to the descendants of the *Maringa* Serrano. The historic account of Willie Boy (1881-1909) took place in the Morongo Canyon area and vicinity and is the story-base behind the film "Tell Them Willie Boy Was Here" The film's story revolves around an accused Indian outlaw, Willie Boy, who escapes arrest with his lover, after killing her father in self-defense. The chase and eventual purported suicide of Willie Boy unfold as the west's last famous manhunt.

**Scientific Values:** The Big Morongo Canyon Preserve has high scientific, research, and education values associated with the ecological diversity and proximity to the Southern California cities. It can provide outstanding opportunities for scientific research in a variety of areas including wildlife diversity, ecosystem functionality and resiliency, riparian response to human influence, etc. The University of California and other institutions conduct on-going research projects, including those important to understanding the fire regimes of Southern California, and seismic activity. The potential archaeological values here are very important to scientific knowledge due to the lack of any ethno-historic information of the peoples who once occupied the area. It is believed that a closely related group – also referred to as *Moringa*, occupied the Twenty-nine Palms area. The Preserve boasts an extensive network of supporters and partners that promote education and interpretation programs. It provides docents and junior docent programs for extensive educational purposes.

**Special Designations/Management Plan/Date:** ACEC Plan No. 50, Amended 08/07/1996

**Goals:** Protect biological, riparian and cultural values of an area providing for compatible public uses.

**For NLCS Lands** -- Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	24,900	0	NA
Preferred Alternative	24,900	24,900	0	1%
1	24,900	24,900	0	1%
2	24,900	24,900	0	1%
3	24,900	24,900	0	1%
4	24,900	24,900	0	1%

**\* Acreage values are for BLM managed lands**

**Alternatives:**

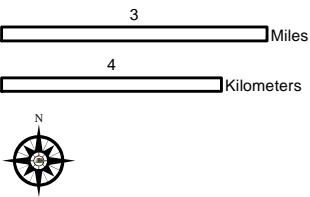
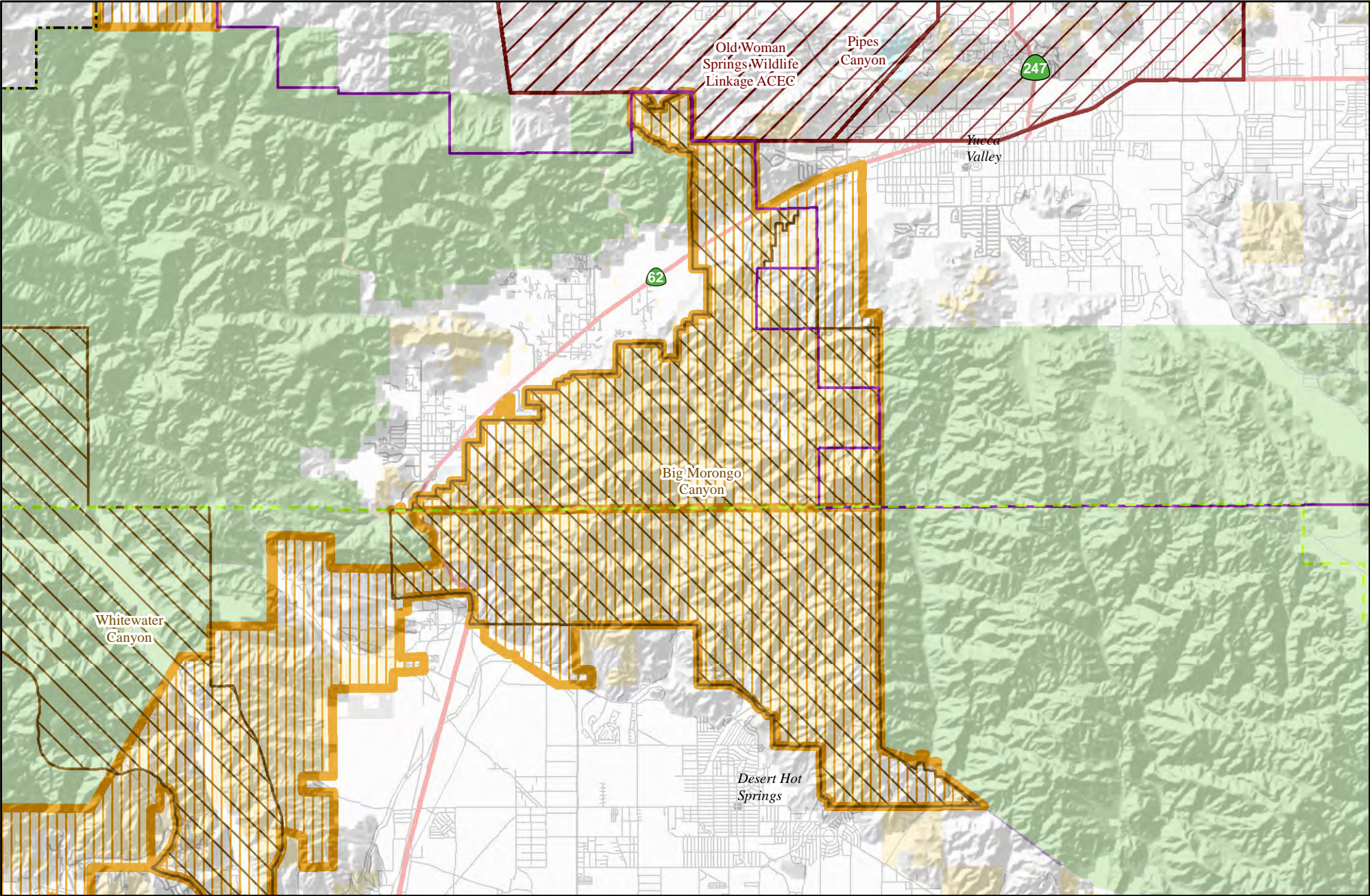
All Alternatives: This existing ACEC would continue to be managed as it currently is.

Objectives (desired future conditions) /Allowable Uses/Management Actions	Resource
<p>Objective: Improve native riparian and sensitive habitats</p> <p>Management Action: Protect soils and water sources by limiting OHV use.</p>	Soil, water, air
<p>Special Status Species: Triple-ribbed milkvetch, Little San Bernardino Mountains Gilia</p> <p>Sensitive Habitats: Mojave Riparian Woodland, Desert Dry Wash Woodland, Freshwater Marsh, Joshua Tree Woodland</p> <p>Objective: Improve native riparian and sensitive habitats</p> <p>Action: Remove tamarisk</p>	Vegetation - Including special status plant species
<p>Special Status Species:</p> <p>Desert Tortoise</p> <p>Desert Bighorn Sheep</p> <p>Mountain Lion</p> <p>Mule Deer</p> <p>Gambel's Quail</p> <p>Burrowing Owl</p> <p>Least Bell's vireo</p> <p>Yellow breasted chat</p> <p>Yellow warbler</p> <p>Objective: maintain plant and animal species diversity and optimize wildlife</p> <p>Action: Provide nest boxes for cavity nesting birds</p>	Fish and Wildlife - Including special status fish and wildlife species
<p>Objective: Protect archaeological sites.</p> <p>Action: OHV closed (excluding Kickapoo Trail ROW)</p> <p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules</p>	Cultural Resources
<p>Allotment: OHV closed, excluding Kickapoo Trail ROW</p>	Trails and Travel Management
<p>Allotment: OHV closed, excluding Kickapoo Trail ROW</p> <p>Discharge of firearms prohibited in Big Morongo</p> <p>Legal take of game with firearms allowed in Little Morongo</p> <p>No pets/mountain bikes in Big Morongo</p> <p>Equestrian users must stay on designated trails</p> <p>Allowable uses:</p> <p>Camping in Big Morongo only with authorization</p> <p>Little Morongo: open camping year round</p> <p>Pets allowed in Little Morongo, but only on leash</p> <p>Management Action: Install interpretive sign and kiosk inside northern boundary and at south end of canyon</p> <p>Management Action: Increase ranger patrols</p> <p>Management Action: Coordinate land use programs and objectives with Nature Conservancy and San Bernardino County Regional Parks for adjacent lands</p>	Recreation

Management Action: Acquire inholdings in sections 3 and 10	Land Tenure
Management Action: Manage Multiple existing ROWs and Existing inholdings  New proposals will need to be analyzed at on a case-by-case basis and cumulatively, to assess whether they can be accommodated within the ACEC and its management goals.	Rights of Way (ROW)
Closed to renewable energy development Geothermal: Area is closed to geothermal leasing and development	Renewable Energy
Open to locatable minerals. Recommend withdrawal. Closed to mineral material sales and leasing.	Locatable Minerals Mineral Materials Non-Energy Leasable



# Big Morongo Canyon



## Preferred Alternative ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

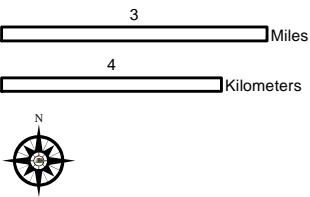
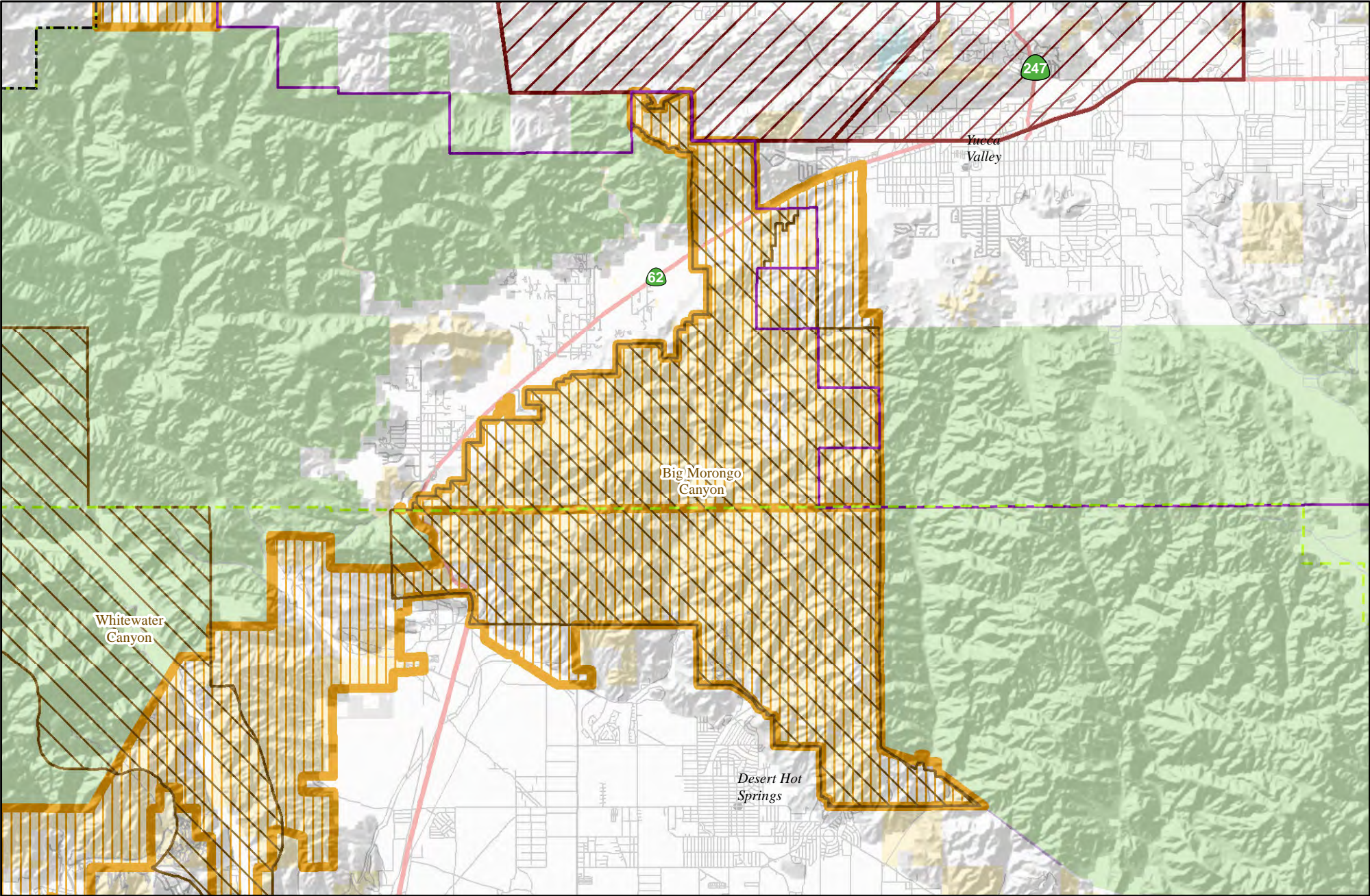
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Big Morongo Canyon



## Alternative 1 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

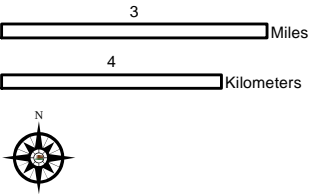
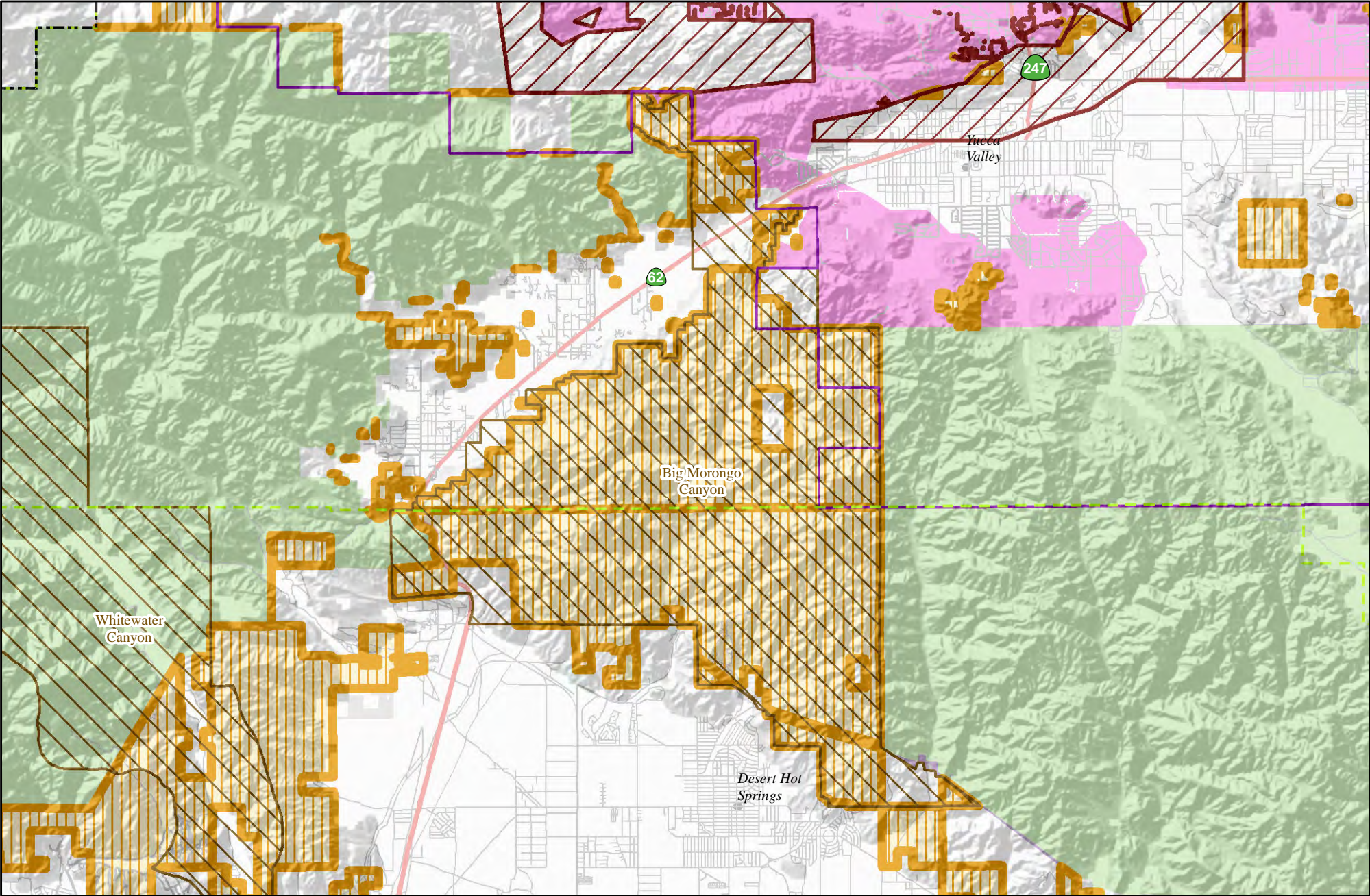
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Big Morongo Canyon



## Alternative 2 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

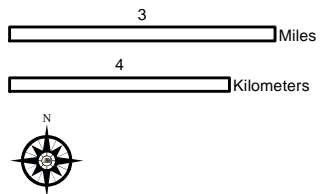
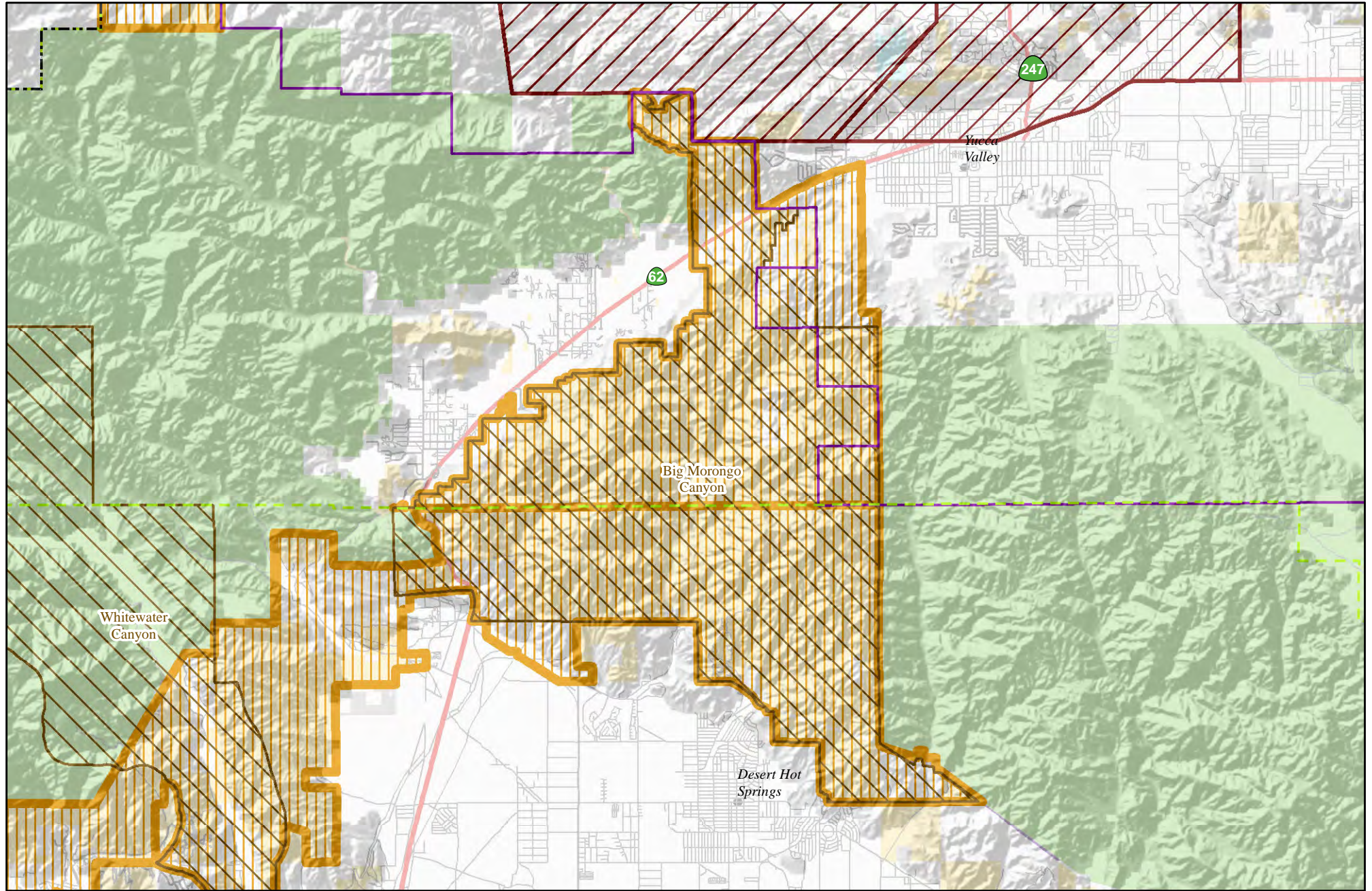
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Big Morongo Canyon



Alternative 3 ACECs  
Date Printed: 5/29/2013  
Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

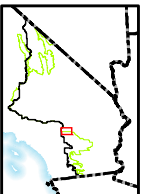
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

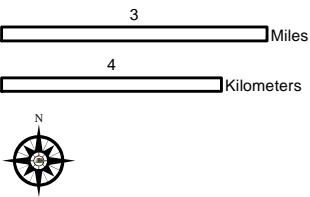
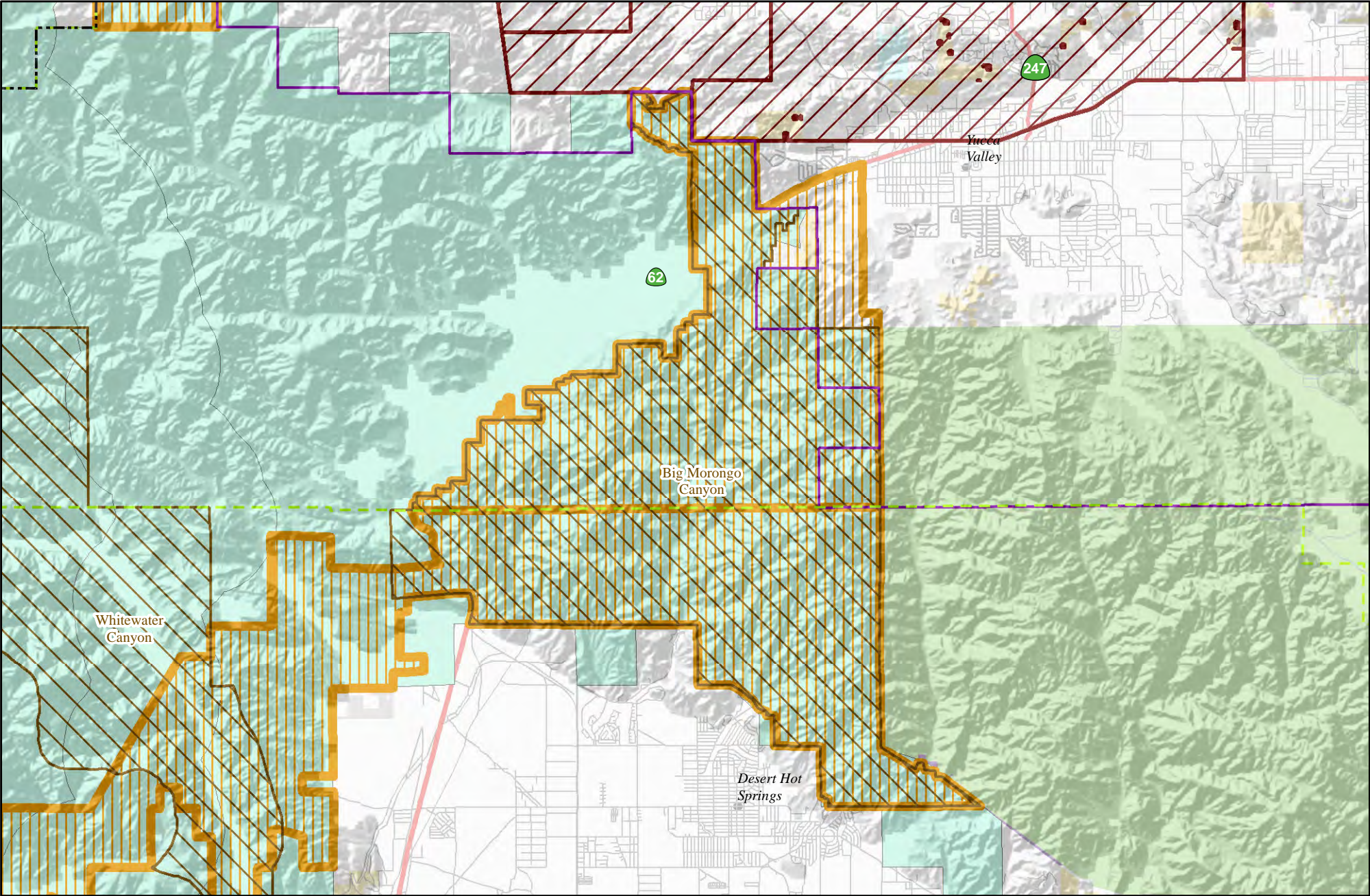
## GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Big Morongo Canyon



Alternative 4 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

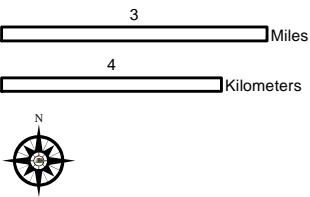
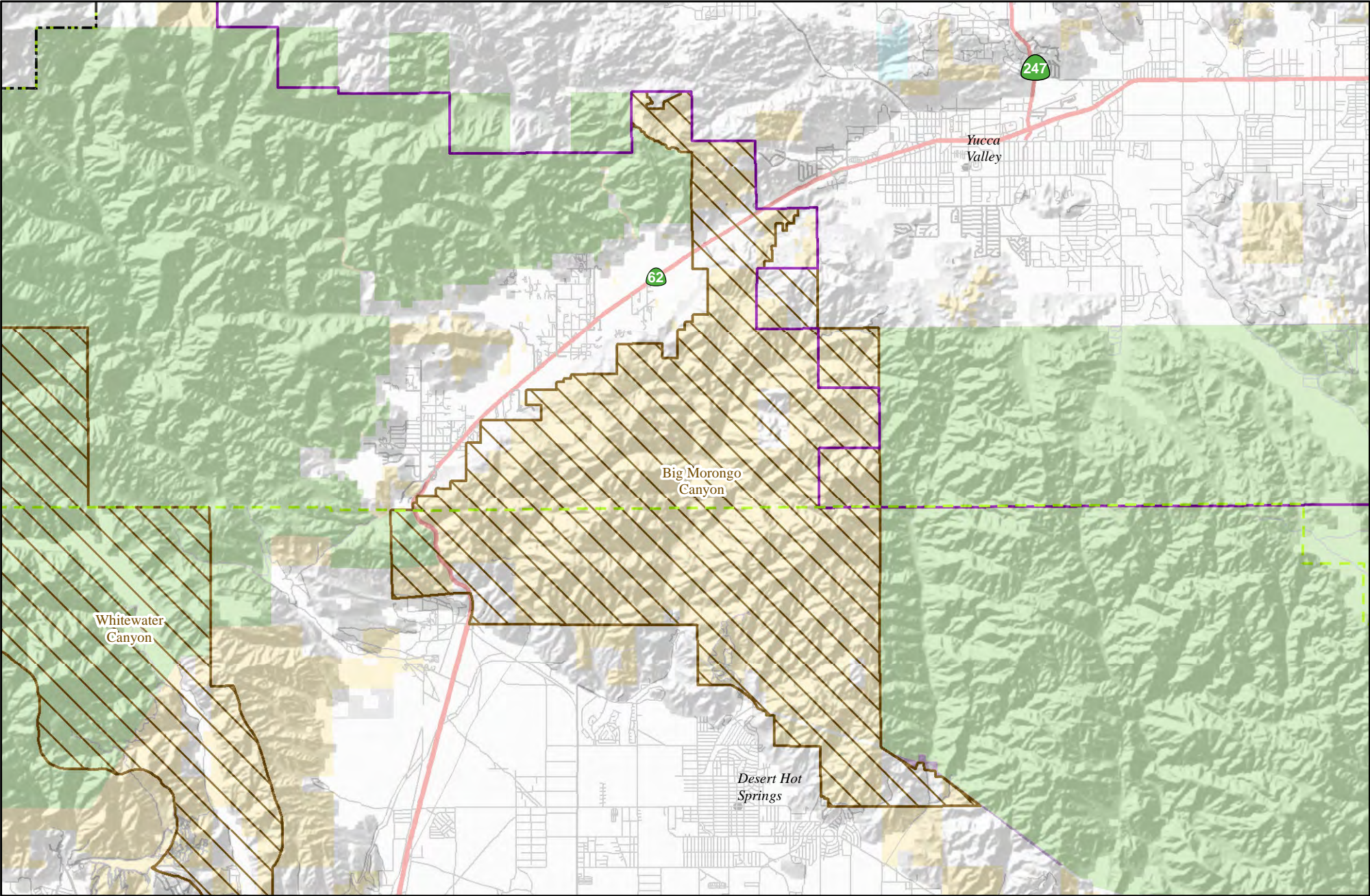
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Big Morongo Canyon



**No Action ACECs**  
Date Printed: 5/29/2013  
Prepared by BLM California State Office



## ACEC Layers

Existing ACEC

OHV Areas

Legislatively and Legally Protected

Cities

CDCA Boundary

DRECP Boundary

BLM Field Office

## Land Status

Bureau of Land Management

State

Other Federal

Military

Private

## GTIF

Interstate

US Hwy

CA Hwy

County Hwy





### Barstow Carbonate Endemic Plants Research Natural Area

**Description/Location:** The existing ACEC is east of Highway 18 on the foothills of the San Bernardino Mountains. This ACEC would be expanded under the DRECP.

**Nationally Significant Values:**

Ecological: This ACEC and its expanded area encompasses vital habitat for four federally listed and one unlisted narrowly endemic carbonate plant species. The ACEC was designated as a Carbonate Endemic Plants Research Natural Area ACEC. A Research Natural Area means an area that is established and maintained for the primary purpose of research and education because the land has one or more of the following characteristics: a typical representation of a common plant or animal association; an unusual plant or animal association; a threatened or endangered plant or animal species; a typical representation of common geologic, soil, or water features; and/or outstanding or unusual geologic, soil, or water features. The proposed RNA meets the characteristics above because it supports an unusual geologic, soil, and plant association and because it contains habitat for threatened and endangered species.

**Special Designations/Management Plan/Date:** Established in WEMO, March 2006. The West Mojave Plan would serve as the ACEC management plan so that a future ACEC plan would not be required.

**Relevance and Importance Criteria:** Relevant biological resources. This ACEC and its expanded area encompasses vital habitat for four federally listed and one unlisted narrowly endemic carbonate plant species. This ACEC also encompasses habitat for the San Diego Horned Lizard, Gray Vireo, and Bighorn Sheep. This area also functions as a primary wildlife connectivity zone.

**Goal:** Protect four federally listed and one unlisted species of plants, as well as the San Diego horned lizard, gray vireo, and big horn sheep. This area also functions as a primary wildlife connectivity zone.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	4,400	0	NA
Preferred Alternative	5,000	5,000	0	0.5%
1	100	5,000	0	0.5%
2	5,000	5,000	0	0.5%
3	5,000	5,000	0	0.5%
4	5,000	5,000	0	0.25%

\* Acreage values are for BLM managed lands



**Alternatives:**

All Action Alternatives – this existing ACEC would be expanded and managed to protect ecological resources.

No Action: The existing ACEC would be managed as it currently is.

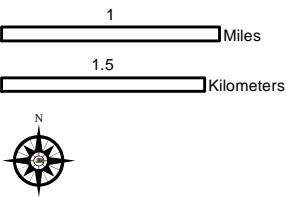
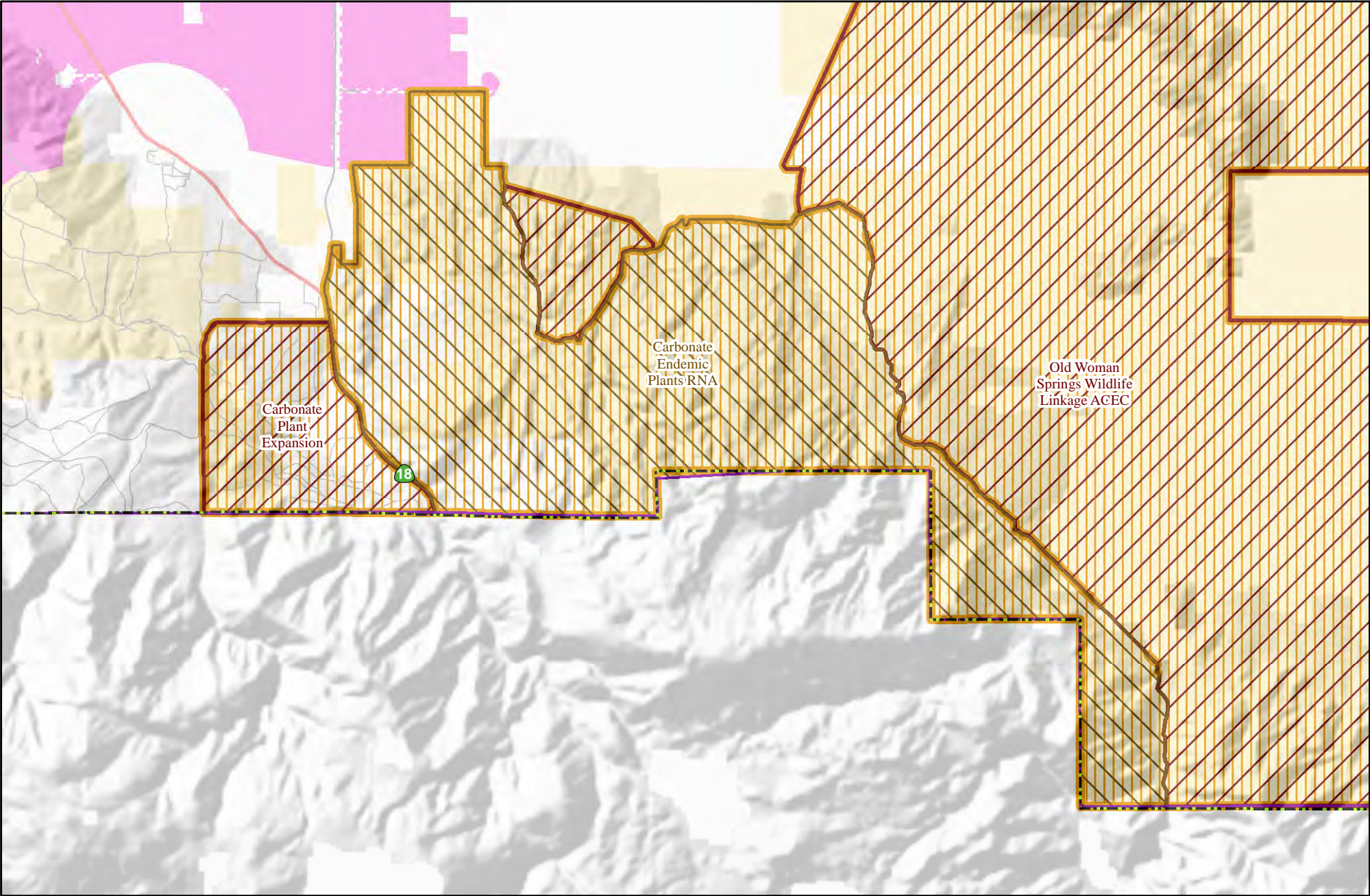
Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of habitat for the following sensitive plant species:</p> <p>Parish's daisy (<i>Erigeron parishii</i>)</p> <p>Cushenbury buckwheat (<i>Eriogonum ovalifolium</i>)</p> <p>Cushenbury milk-vetch (<i>Astragalus albens</i>)</p> <p>Cushenbury oxytheca (<i>Acanthoscyphus parishii</i> var. <i>goodmaniana</i>)</p> <p>Parish's brittlescale (<i>Atriplex parishii</i>)</p> <p>San Bernardino milk-vetch (<i>Astragalus bernardinus</i>)</p> <p>frosted mint (<i>Poliomintha incana</i>)</p> <p>alkali mariposa-lily (<i>Calochortus striatus</i>)</p> <p>San Bernardino aster (<i>Symphyotrichum defoliatum</i>)</p> <p>Big Bear Valley woollypod (<i>Astragalus leucolobus</i>)</p> <p>Management Action 1: The West Mojave Plan will implement provisions of the Carbonate Habitat Management Strategy (CHMS). The CHMS is a cooperative plan developed by the Forest Service, BLM, and mining and environmental stakeholders. It includes very specific criteria for conservation, land acquisition, and mining.</p> <p>Management Action 2: Remove invasive plants, rehabilitate/revegetate disturbed areas</p>	<p>Vegetation - Including special status species</p>
<p>Objective: Maintain or improve condition of habitat for sensitive wildlife species</p> <p>Management Action: Protect populations of special status animals</p> <p>Golden eagle</p> <p>Desert tortoise</p> <p>San Diego horned lizard</p> <p>Big horn sheep</p>	<p>Fish and Wildlife – Including special status species</p>
<p>Objective: Protect sensitive plant habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All existing routes of travel on public lands within the ACEC would be designated as open, limited, or closed. The boundary road defining the perimeter of the ACEC is an open route. Most other existing routes within the ACEC are limited or closed. These internal routes cross designated critical habitat for listed plants, but are open for limited use to allow access to claimholders, researchers, and other permitted events and activities. Permitted events, such as dual sport rides, can occur but would require monitoring and stipulations to avoid areas of botanical sensitivity adjacent to roads.</p>	<p>Trails and Travel Management</p>
<p>Objective: Provide dispersed opportunities for enjoying of the ACEC attributes</p> <p>Allowable Uses: Dispersed camping, no camping in critical habitat</p>	<p>Recreation</p>



<p>Objective: Acquire all inholdings from willing sellers to consolidate habitat management</p> <p>Management Action: Private lands within the ACEC may be acquired or exchanged for other BLM lands in Lucerne Valley. Three options are presented for acquisition of private land and relinquishment of claims. All three methods may be implemented to achieve the objective.</p> <ul style="list-style-type: none"> <li>- Option 1: The BLM would initiate or participate in a land exchange for the highest priority private lands. Public lands bordering the rail spur south of Lucerne Valley would be exchanged for private lands east of Highway 18. The lands along the railway would then be available to mining interests or industrial uses, and the acquired lands east of Highway 18 would be withdrawn from mineral entry.</li> <li>- Option 2: Mining companies may acquire lands within the ACEC as mitigation for use of lands west of Highway 18. "Acquisition" can include purchase of mining claims on public lands as well as purchase of fee title to private lands. The claims or title would be conveyed to BLM, and the acquired lands would be withdrawn from mineral entry.</li> <li>- Option 3: BLM and Fortes Service would prepare an application for Congressional funding through the Land and Water Conservation Fund. Any funds appropriated through this process would be used to purchase private fee lands within the ACEC and National Forest. Acquisition funding would also be sought from the Fish and Wildlife Service Section 6 grants to states. Acquired lands would be unavailable for mineral entry.</li> </ul>	Land Tenure
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: Area is closed to geothermal leasing and development</p>	Renewable Energy
<p>Objective: Protect sensitive plant habitat from impacts associated with minerals development</p> <p>Allowable Uses: Within the ACEC, no surface occupancy would be allowed because of the potential for undue degradation to occupied habitat and designated critical habitat. Surface mining would not be consistent with the objectives of RNA. Acquired lands would be withdrawn from mineral entry.</p> <p>Management Action 1: New proposals will need to be analyzed on a case-by-case basis and cumulatively</p> <p>Management Action 2: Reclamation and revegetation standards specified in the CHMS (Appendix S) would be required for reclamation or restoration projects within the ACEC</p>	Locatable Minerals Mineral Materials Non-energy Leasables
<p>Objective: Protect sensitive plant habitat from impacts associated with livestock grazing.</p> <p>Allowable Uses: No new allotments, existing allocations okay, but no expansion of allotment (either size or increase number of AUMs if willing relinquishment, then would be made permanently unavailable for grazing</p> <p>Management Action: Fencing along the eastern boundary of the ACEC would be installed to prevent cattle from trampling the listed plants on small portions of the Rattlesnake allotment and to prevent cattle from entering Forest lands near Terrace Springs. The fencing would be constructed along the east side of Arrastre Canyon.</p>	Live Stock Grazing



# Carbonate Endemic Plants RNA



## Preferred Alternative ACECs

Date Printed: 5/29/2013

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### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

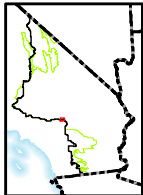
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

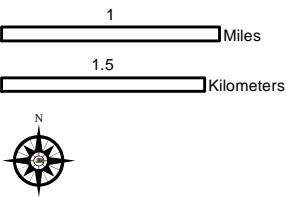
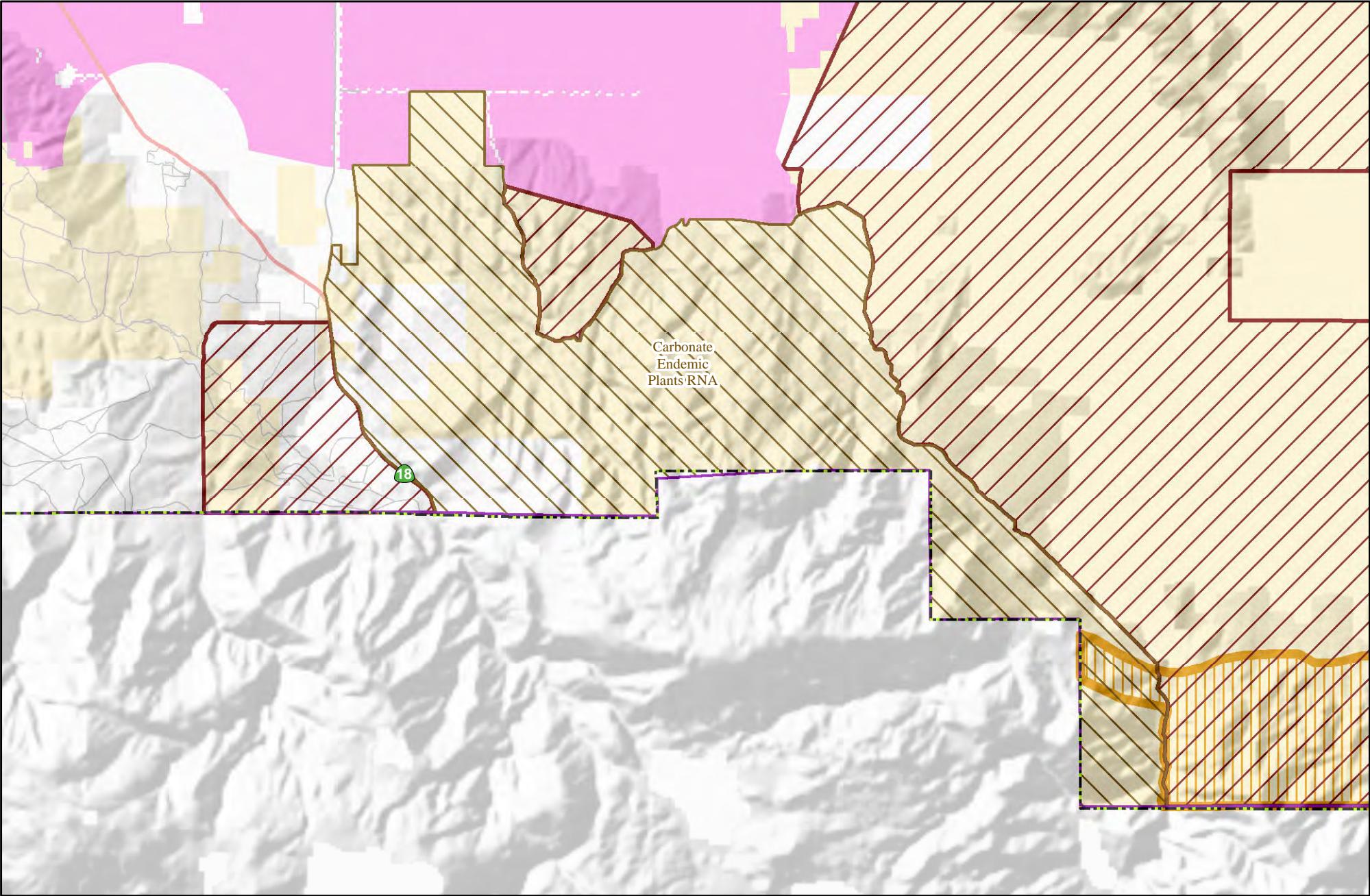
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Carbonate Endemic Plants RNA



Alternative 1 ACECs

Date Printed: 5/29/2013

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## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

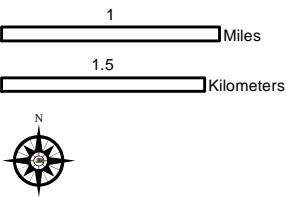
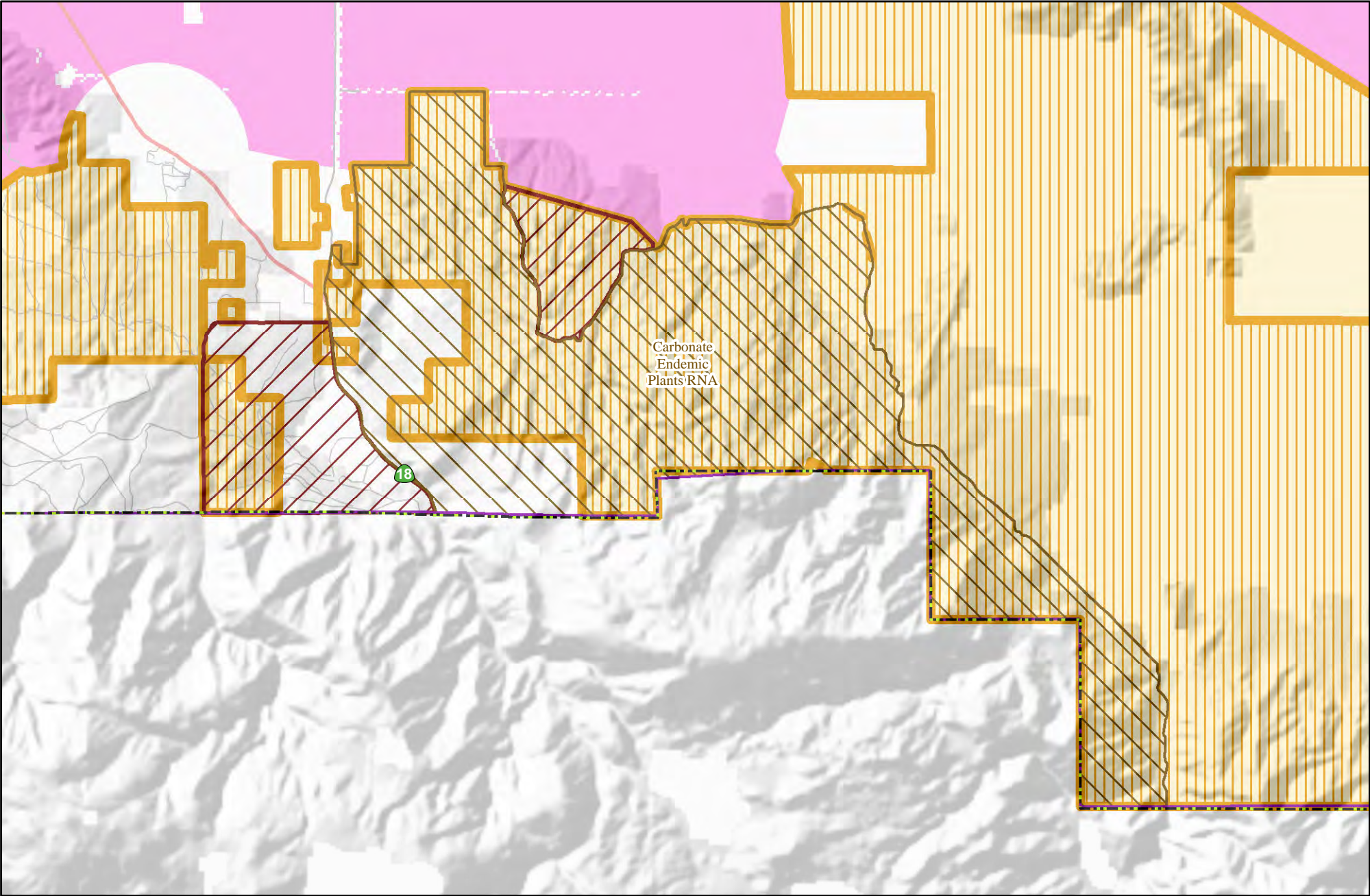
## GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Carbonate Endemic Plants RNA



Alternative 2 ACECs

Date Printed: 5/29/2013

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### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

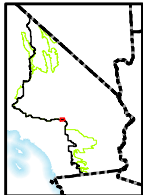
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

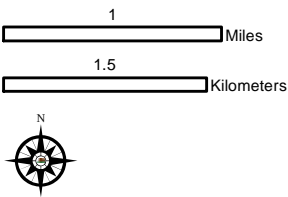
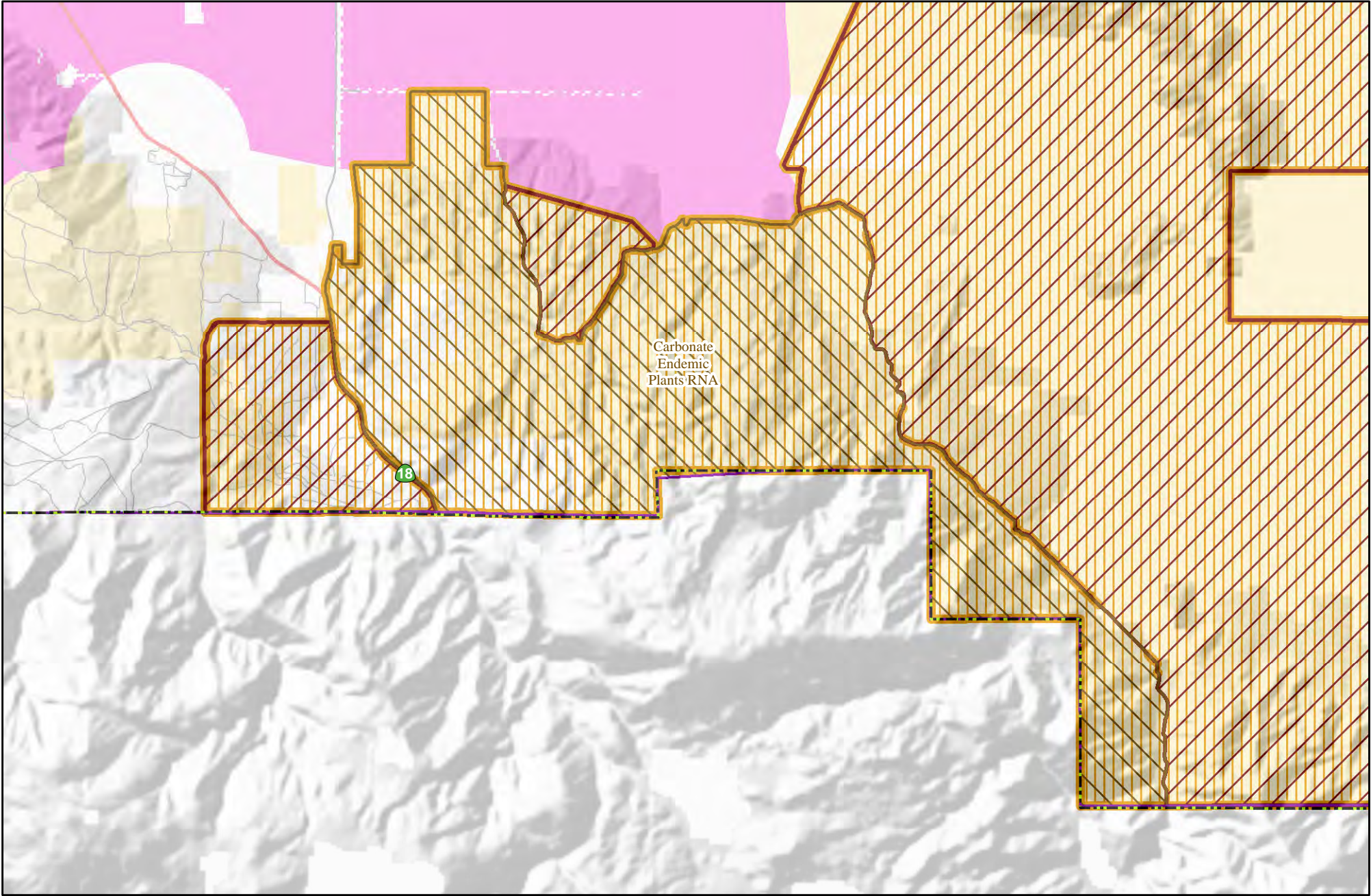
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Carbonate Endemic Plants RNA



Alternative 3 ACECs

Date Printed: 5/29/2013

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### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

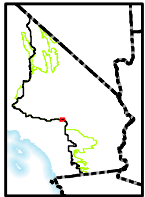
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

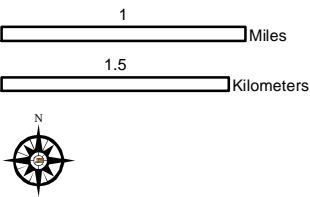
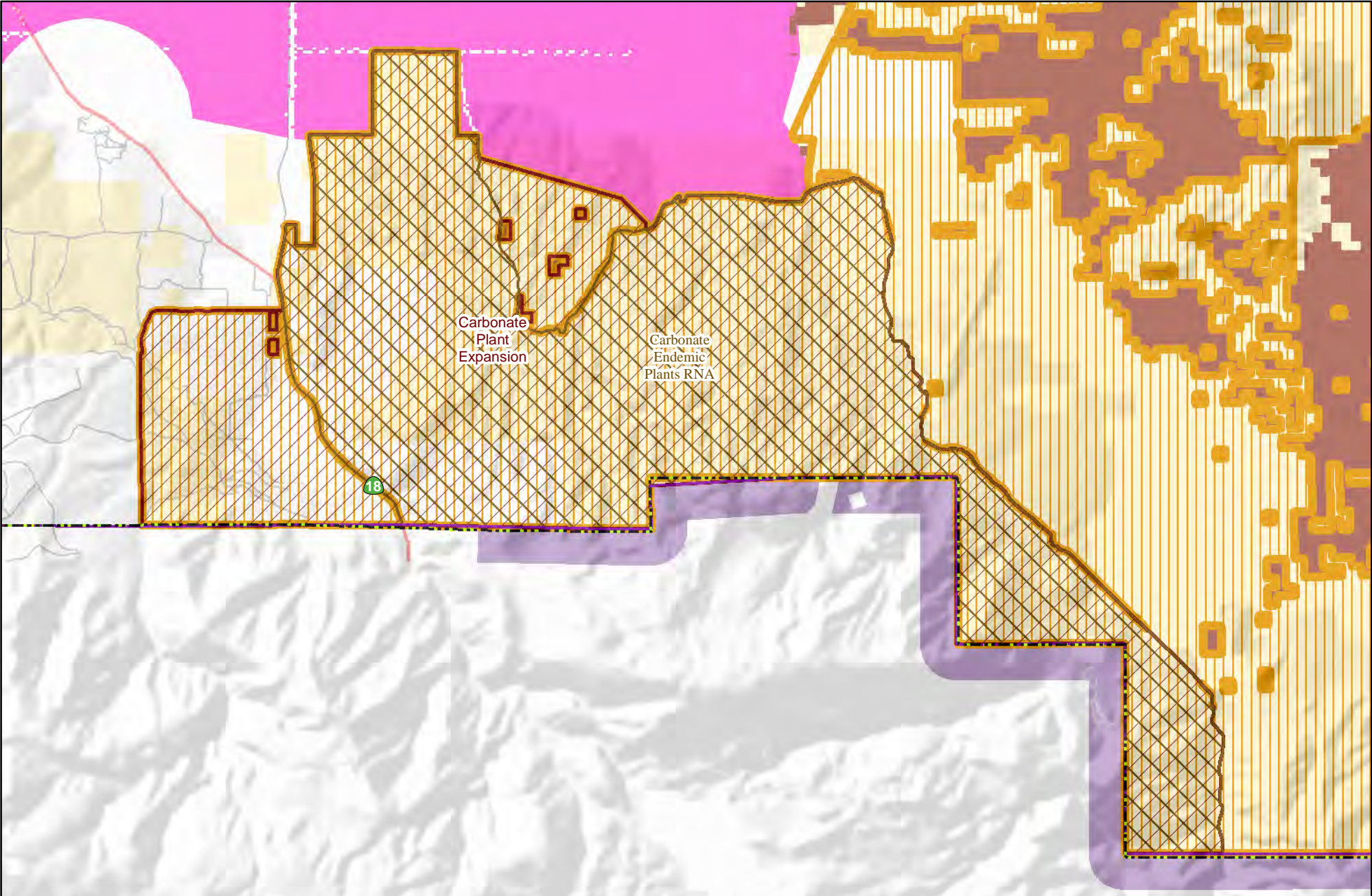
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





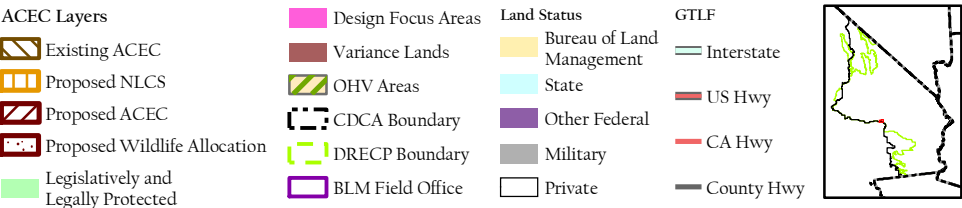
# Carbonate Plant Expansion



Alternative 4 ACECs

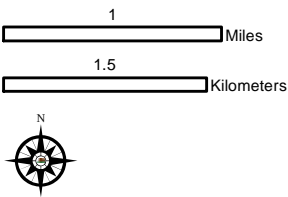
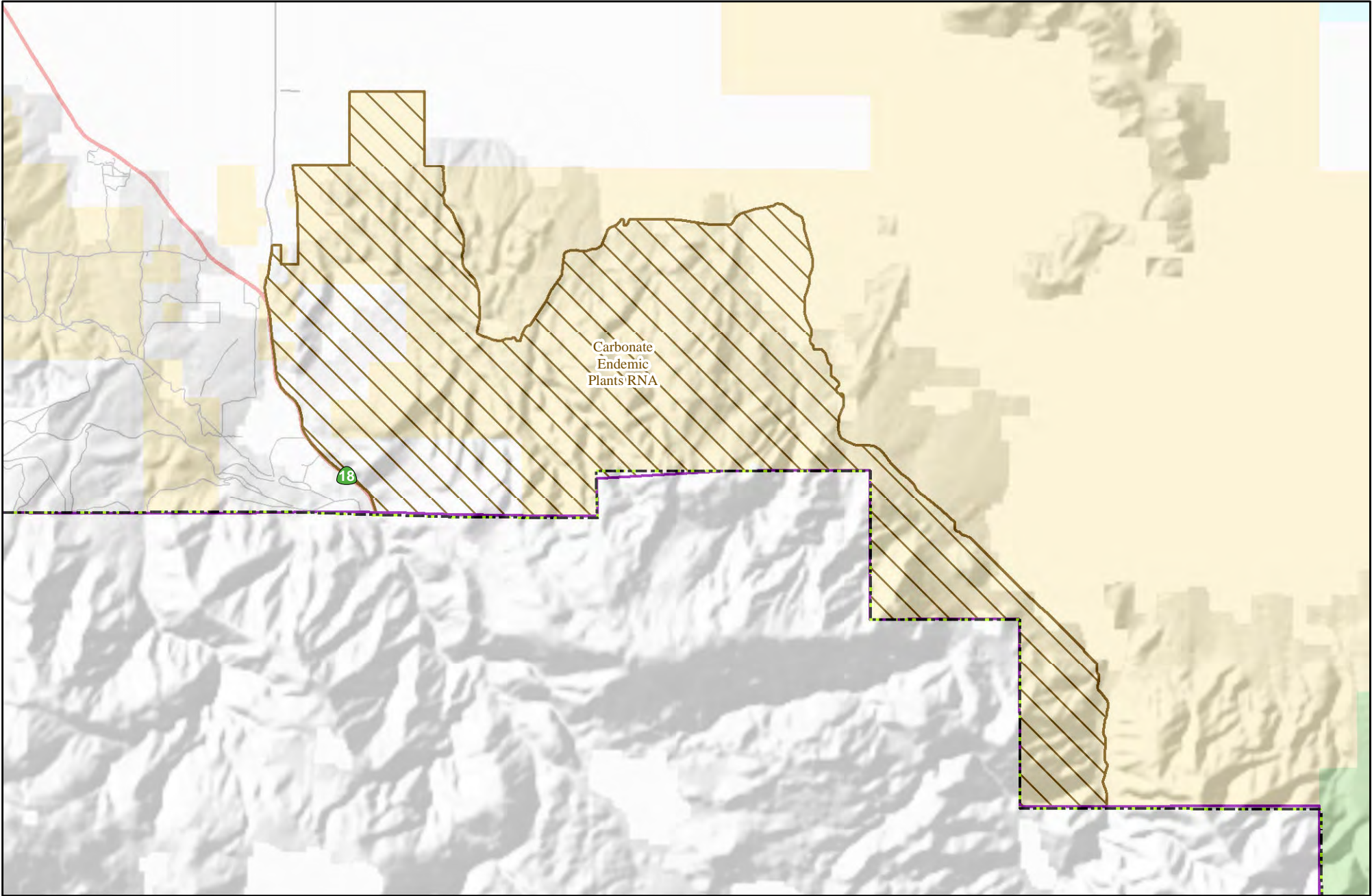
Date Printed: 8/6/2014

Prepared by BLM California State Office





# Carbonate Endemic Plants RNA



## No Action ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

Existing ACEC

OHV Areas

Legislatively and Legally Protected

Cities

CDCA Boundary

DRECP Boundary

BLM Field Office

### Land Status

Bureau of Land Management

State

Other Federal

Military

Private

### GTIF

Interstate

US Hwy

CA Hwy

County Hwy





### Juniper Flats Cultural Area

**Description/Location:** Located in the Ord Mountains about 15 air miles south of Apple Valley, CA.

**Nationally Significant Values:**

Cultural: The area is an extremely diverse and dense region for cultural resources. There are numerous sites that meet criteria for the National Register of Historic Places associated with this unit. This is a transition area between the mountains and Mojave Desert and would lend to the understanding of migration patterns of local peoples. This area is of great importance to the San Manuel Band of Mission Indians.

**Special Designations/Management Plan/Date:** ACEC Plan No. 45, September 1988

**Relevance and Importance Criteria:** Relevant cultural and wildlife values. The area is an extremely diverse and dense region for cultural resources. The ACEC designation will best protect prehistoric and historic archaeological sites. It also provides habitat for the San Diego horned lizard and gray vireo, two species proposed for protection in the West Mojave Plan.

**Goals:** Properly manage historic and prehistoric resources in the area to avoid their destruction through coordinated management actions.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	2,400	0	NA
Preferred Alternative	2,400	2,400	0	1%
1	0	2,400	0	1%
2	2,400	2,400	0	1%
3	0	2,400	0	1%
4	2,400	2,400	0	1%

\* Acreage values are for BLM managed lands

**Alternatives:**

All Alternatives – this existing ACEC would continue to be managed as it currently is.



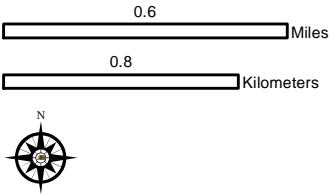
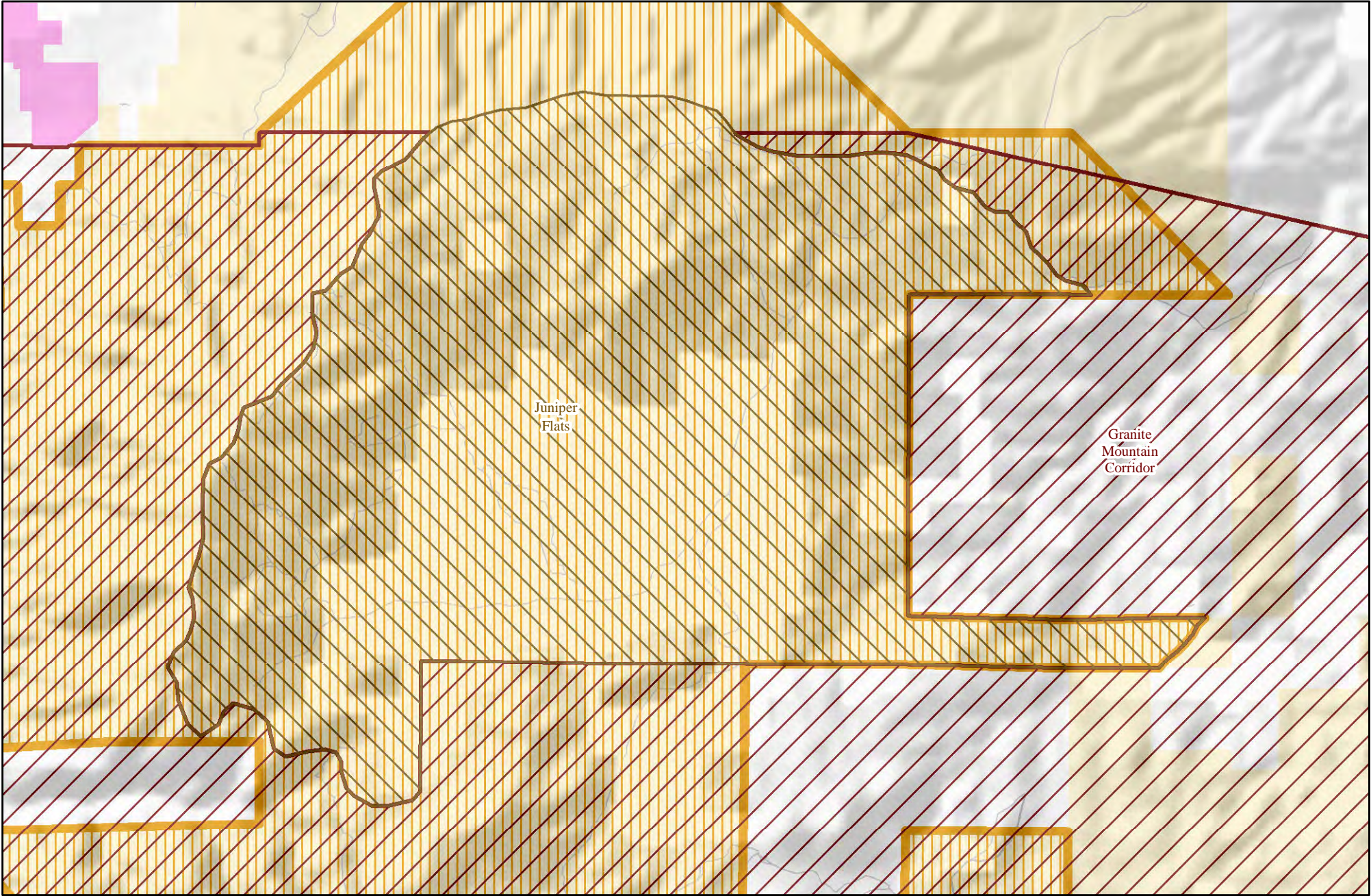
Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect and enhance San Bernardino Mountains Dudleya (<i>Dudleya abramsii</i> ssp. <i>affinis</i>) populations</p> <p>Management Action #1: Survey for BLM sensitive species, identify current occupied and potential habitat, identify and implement actions to conserve and improve habitat conditions</p> <p>Management Action #2: Protect Natural Communities that are listed by the state as rare.</p>	Vegetation - Including special status species
<p>Objective: Manage for the protection of sensitive wildlife species</p> <p>Special Status Species:</p> <ul style="list-style-type: none"> <li>- San Diego horned lizard</li> <li>- Gray vireo</li> </ul> <p>Management Action: Survey for BLM sensitive species, identify current occupied and potential habitat, identify and implement actions to conserve and improve habitat conditions</p>	Fish and Wildlife - Including special status species
See programmatic ACEC cultural resources objective and action items in general cultural resources rules.	Cultural Resources
<p>Objective: General Management and Protection of Paleontological Resources</p> <p>Management Action 1: Manage and protect fossil resources consistent with the Paleontological Resources Preservation Act</p> <p>Management Action 2: Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed</p>	Paleontology
<p>Objective: Protect sensitive cultural resources from human disturbance</p> <p>Allowable Uses: Restricted motorized use to designated open routs of travel</p> <p>Management Action 1: Monitor and enforce closure of selected routes of travel</p> <p>Management Action 2: Install signs and use barriers to direct vehicle traffic away from sensitive cultural resources</p>	Trails and Travel Management
<p>Objective: Provide for dispersed opportunities while protecting relevant resources</p> <p>Management Action: Do not establish new routes near sensitive cultural resources</p>	Recreation
<p>Objective: Protect cultural resources</p> <p>Management Action 1: Acquire public lands adjacent to current boundaries of Juniper Flats ACEC</p> <p>Management Action 2: Amend ACEC boundaries once land is acquired</p>	Land Tenure



<p>Objective: Protect resource values</p> <p>Allowable Uses: Exclusion zone for site ROW, okay for linear, no ROW which would impact cultural resources</p>	Rights of Way (ROW)
<p>Objective: Maintain integrity of large blocks of habitat</p> <p>Allowable Uses: Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p>	Renewable Energy



# Juniper Flats



## Preferred Alternative ACECs

Date Printed: 5/29/2013

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### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

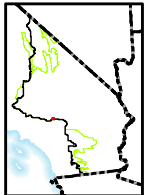
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

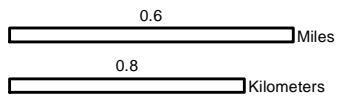
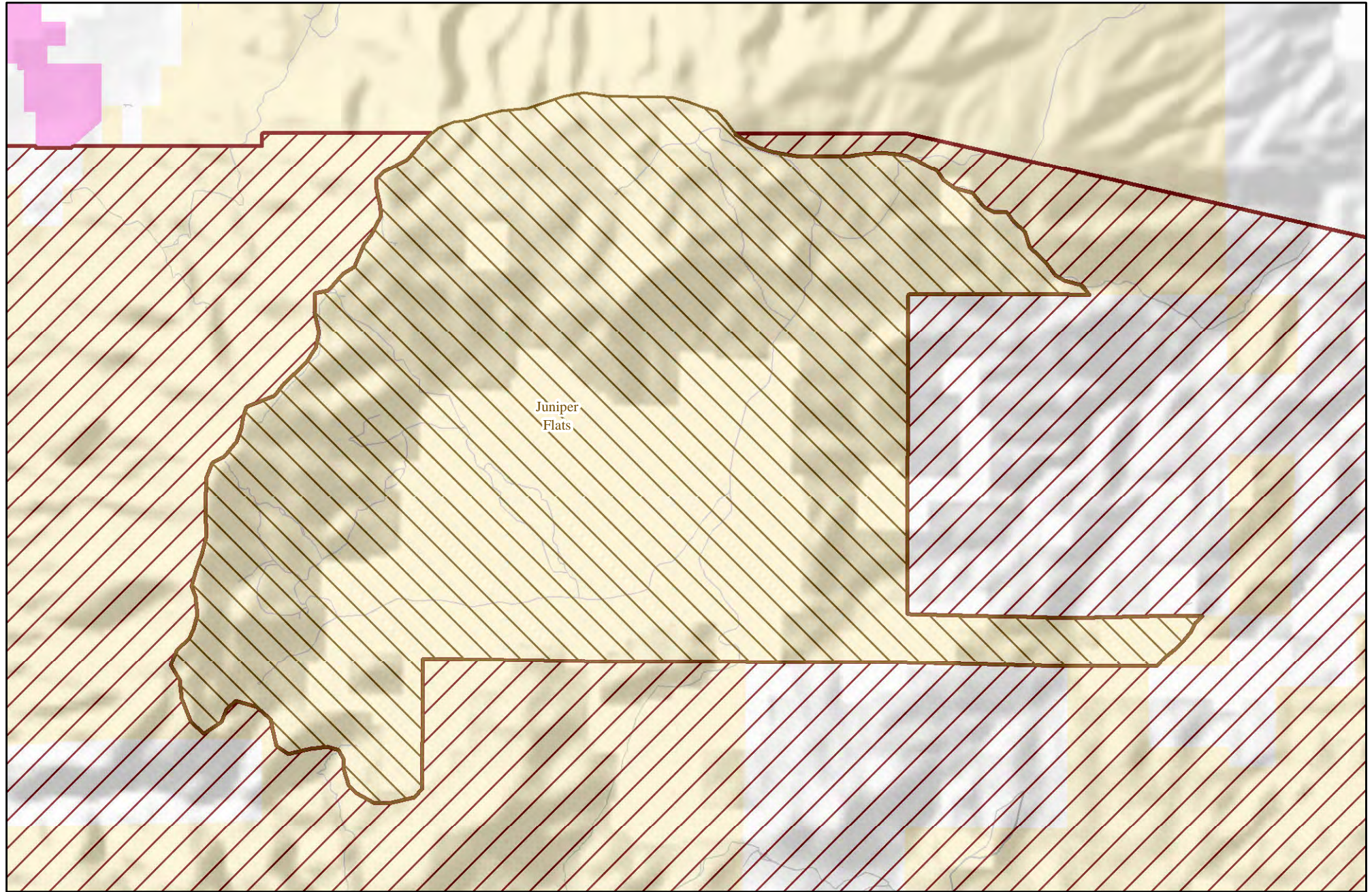
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Juniper Flats



Alternative 1 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

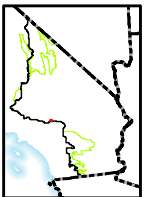
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

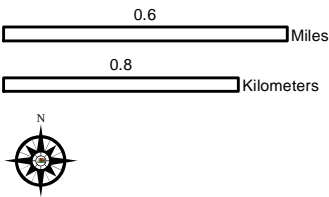
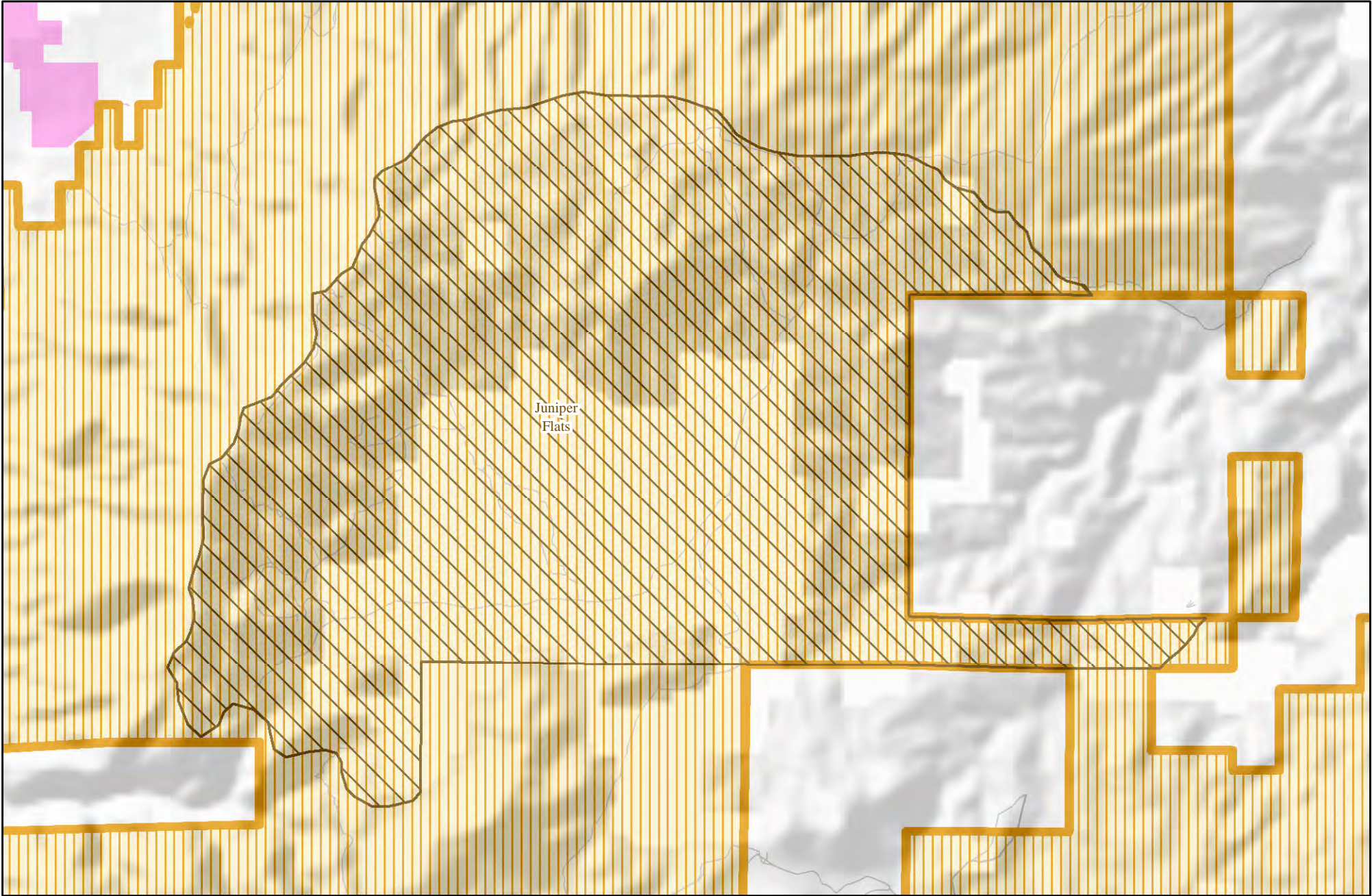
## GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Juniper Flats



Alternative 2 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

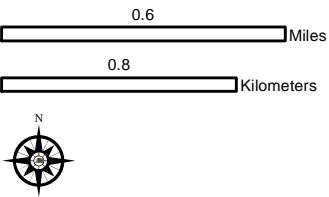
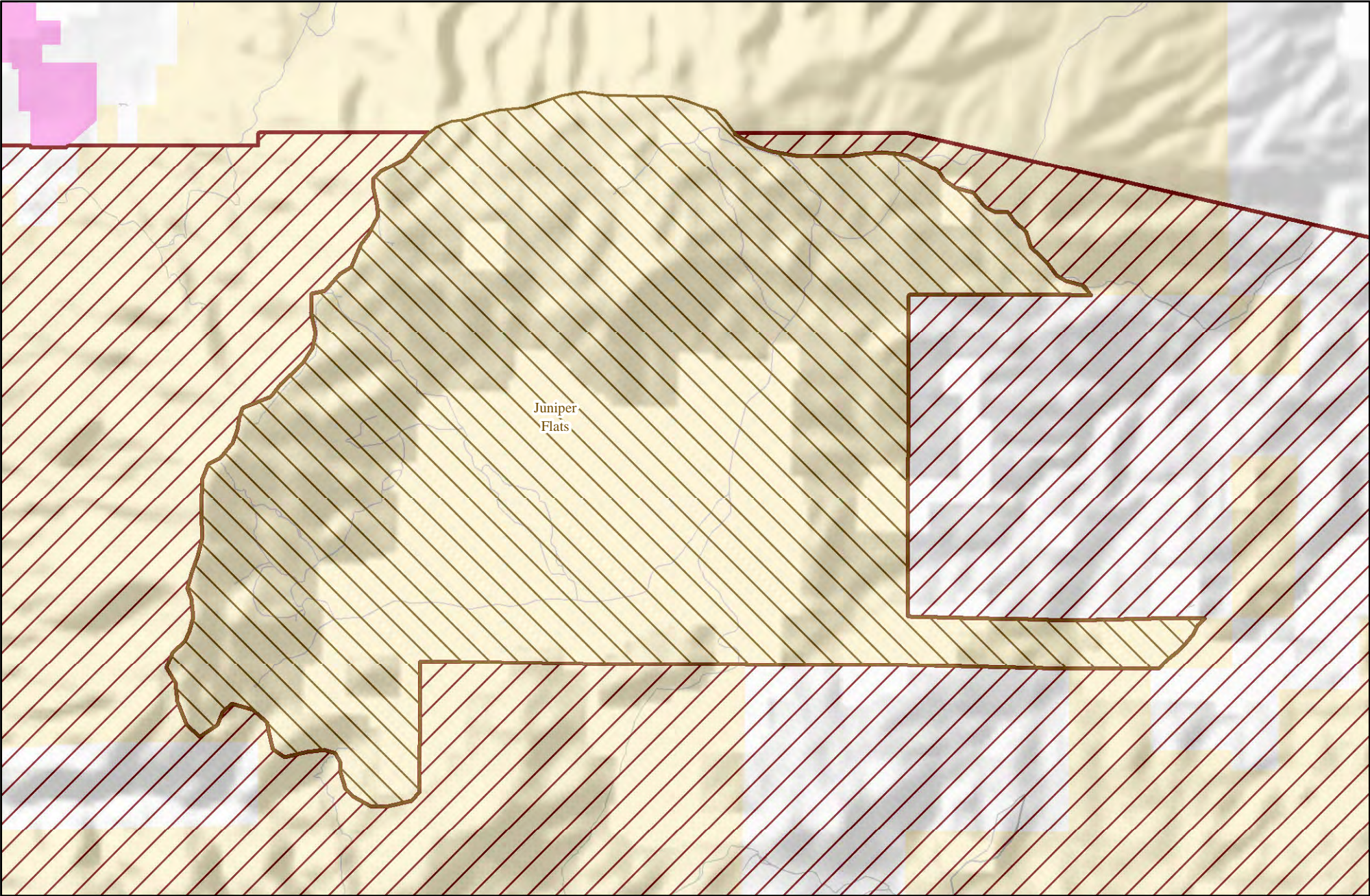
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Juniper Flats



Alternative 3 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

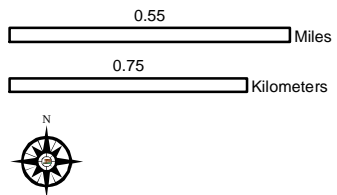
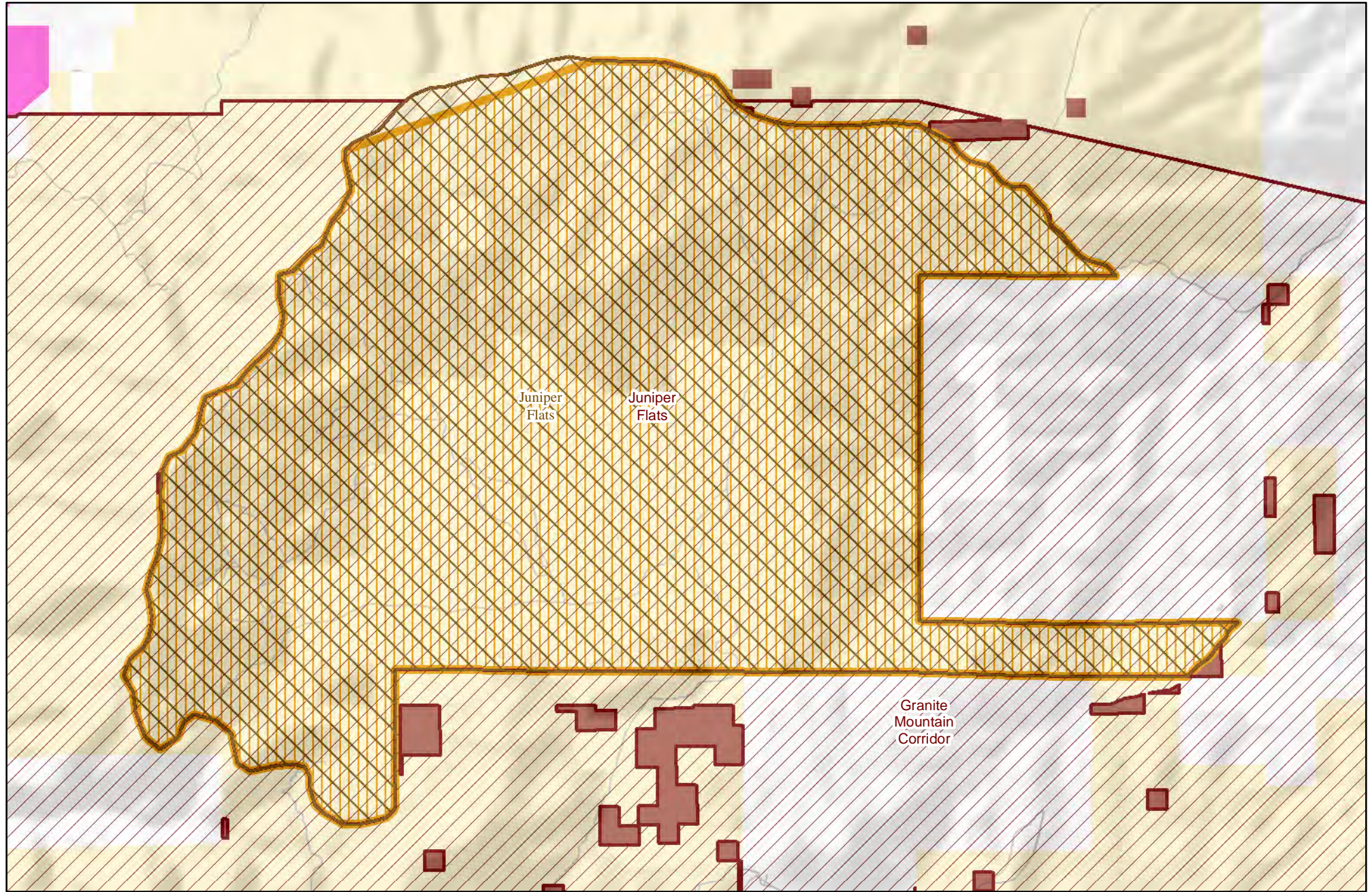
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Juniper Flats



## Alternative 4 ACECs

Date Printed: 8/6/2014  
Prepared by BLM California State Office



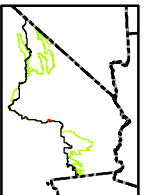
### ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

- Design Focus Areas
- Variance Lands
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

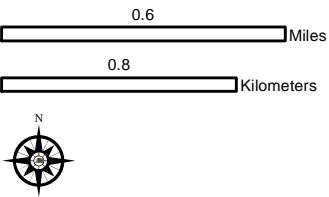
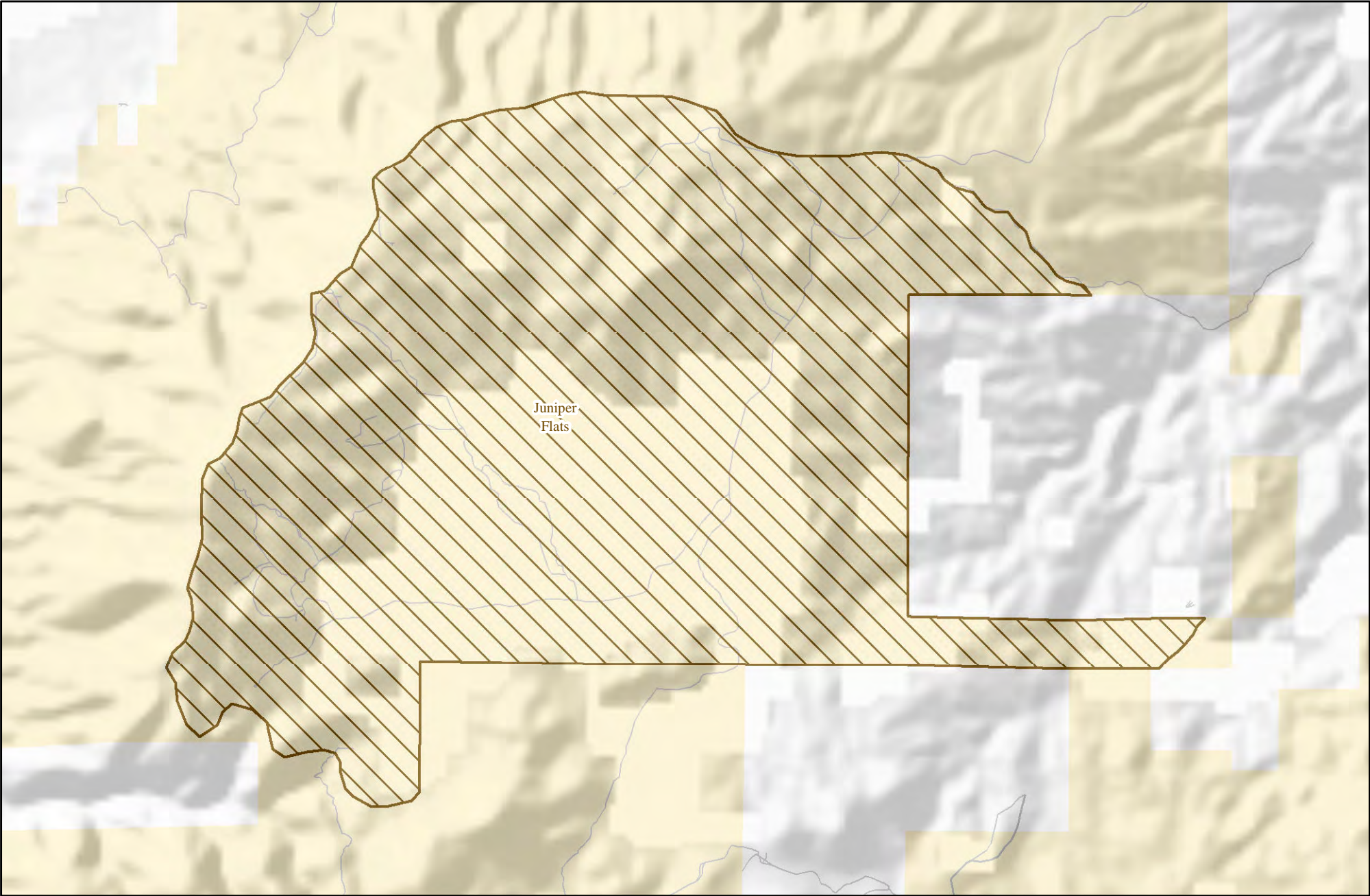
- ### Land Status
- Bureau of Land Management
  - State
  - Other Federal
  - Military
  - Private

- ### GTLF
- Interstate
  - US Hwy
  - CA Hwy
  - County Hwy





# Juniper Flats



No Action ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

Existing ACEC

OHV Areas

Legislatively and Legally Protected

Cities

CDCA Boundary

DRECP Boundary

BLM Field Office

### Land Status

Bureau of Land Management

State

Other Federal

Military

Private

### GTLF

Interstate

US Hwy

CA Hwy

County Hwy





### Daggett Ridge Mojave Monkeyflower

**Description/Location:** This is one of two units of the Mojave monkeyflower ACEC. This unit is completely encompasses by the Ord-Rodman, located in the northwest corner of the unit.

**Nationally Significant Values:**

Ecological: The area is important for botanical resources and to protect sensitive and restricted plant species, in particular the Mojave monkeyflower.

**Special Designations/Management Plan/Date:** ACEC established in 2006 West Mojave Plan

**Relevance and Importance Criteria:** The area is important for botanical resources and to protect sensitive and restrictive plant species, in particular the Mojave monkeyflower. This area is also identified as an important wildlife connectivity zone.

**Goals:** Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	26,000	0	1%
Preferred Alternative	26,000	26,000	0	0.5%
1	1,900	26,000	0	0.5%
2	26,000	26,000	0	0.25%
3	26,000	26,000	0	0.5%
4	26,000	26,000	0	0.25%

\* Acreage values are for BLM managed lands

**Alternatives:**

Under All Action Alternatives--This is an existing ACEC that completely overlaps the Ord-Rodman ACEC. To resolve this dual designation, all action alternatives will remove this unit from Ord-Rodman, the area will remained designated as this ACEC. The area will be managed for Mojave monkey flower and desert wildlife and vegetation communities.

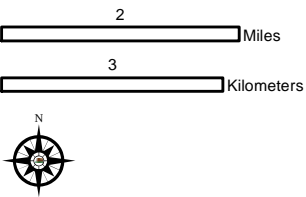
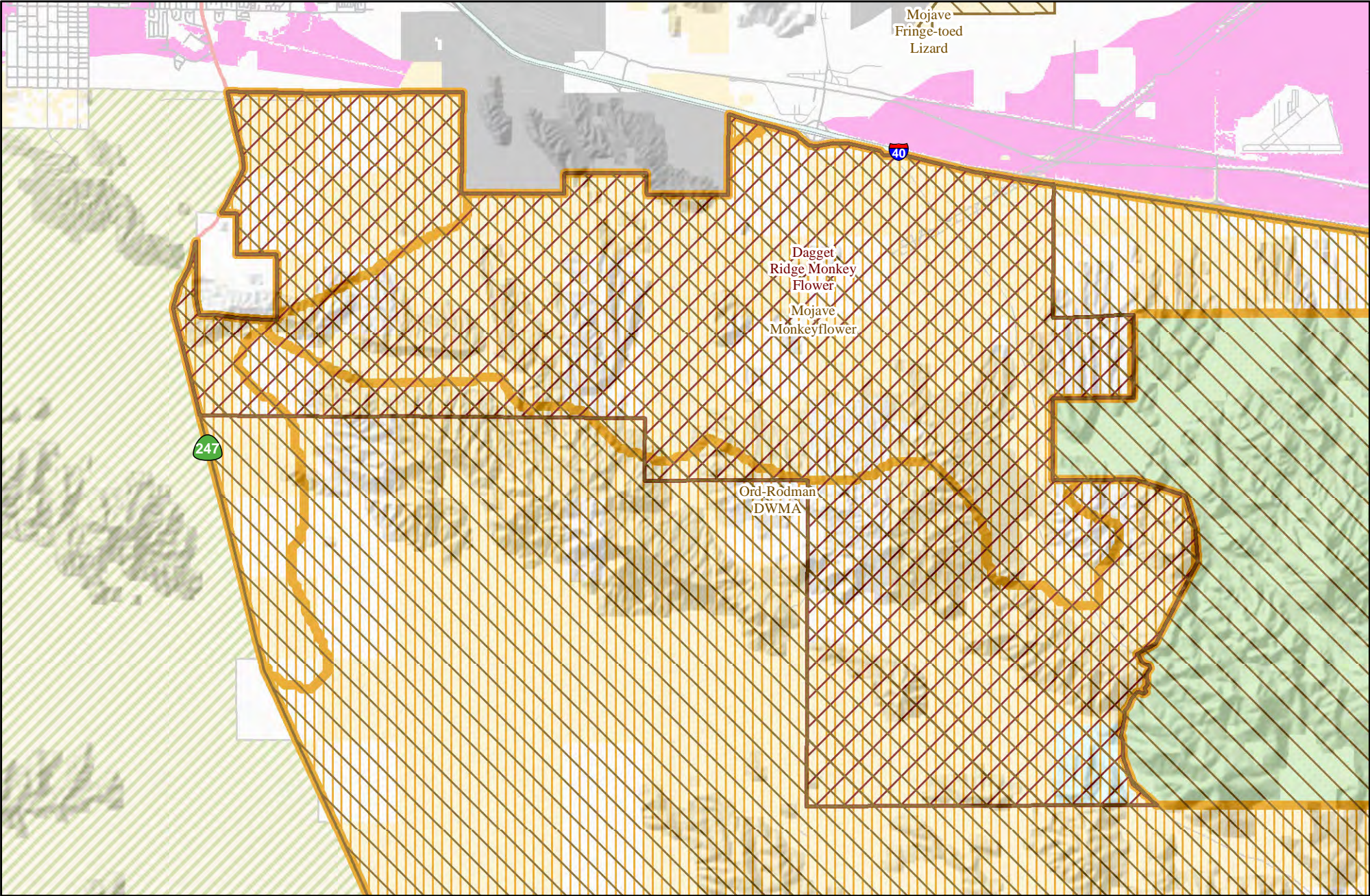
No Action – this existing ACEC would continue to be managed as it currently is, and the dual designation would remain.



Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect and enhance Mojave monkeyflower (<i>Mimulus mohavensis</i>) populations</p> <p>Management Action 1: Protect viable populations on public land throughout the range</p> <p>Management Action 2: Coordinate with mining companies to protect this species</p> <p>Management Action 3: Establish a core reserve on public land west of the Newberry Mountains</p> <p>Management Action 4: Provide site-specific management of occupied habitat on public lands outside the core reserves</p> <p>Management Action 5: Establish a private land mitigation bank</p>	Vegetation - Including special status species
<p>Objective: Protect intact desert tortoise habitat</p> <p>Management Action: Maintain linkage connection across the ACEC to allow tortoise to move between other large habitat blocks</p>	Fish and Wildlife - Including special status species
<p>Objective: Protect Mojave monkeyflower from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action: Establish no new routes in ACEC</p>	Trails and Travel Management
<p>Objective: Protect plant population by designation of OHV routes through the area</p> <p>Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes</p>	Recreation
<p>Objective: Protect the plants and habitat by retaining public lands within the ACEC</p> <p>Management Action: The conservation area will be deleted from the lands available for exchange in the Land Tenure Adjustment program</p> <p>Objective: Consolidate habitat management</p> <p>Management Action: Acquire inholdings from willing sellers</p>	Land Tenure
<p>Objective: Protection of the Mohave monkeyflower populations</p> <p>Allowable Uses: Exclusion zone for all new ROW except in existing utilities corridor</p> <p>Management Action: New utilities locating within the existing corridor will be required to avoid monkeyflower occurrences to the maximum extent practicable and provide mitigation fees for compensation where avoidance is notfeasible</p>	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: Area is closed to geothermal leasing and development</p>	Renewable Energy
<p>Objective: Protect Mojave monkeyflower from mining activities</p> <p>Management Action: Include stipulations to protect the monkey flower including not disturbing occupied habitat</p>	Locatable Minerals Mineral Materials Non-Energy Leasables
<p>Objective: Protect plants and habitat by restricting grazing within the ACEC</p> <p>Management Action: Discontinue all grazing within the ACEC</p>	Livestock grazing



# Dagget Ridge Monkey Flower



## Preferred Alternative ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

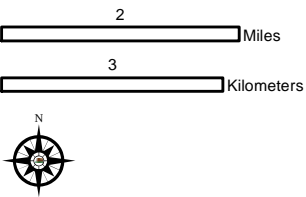
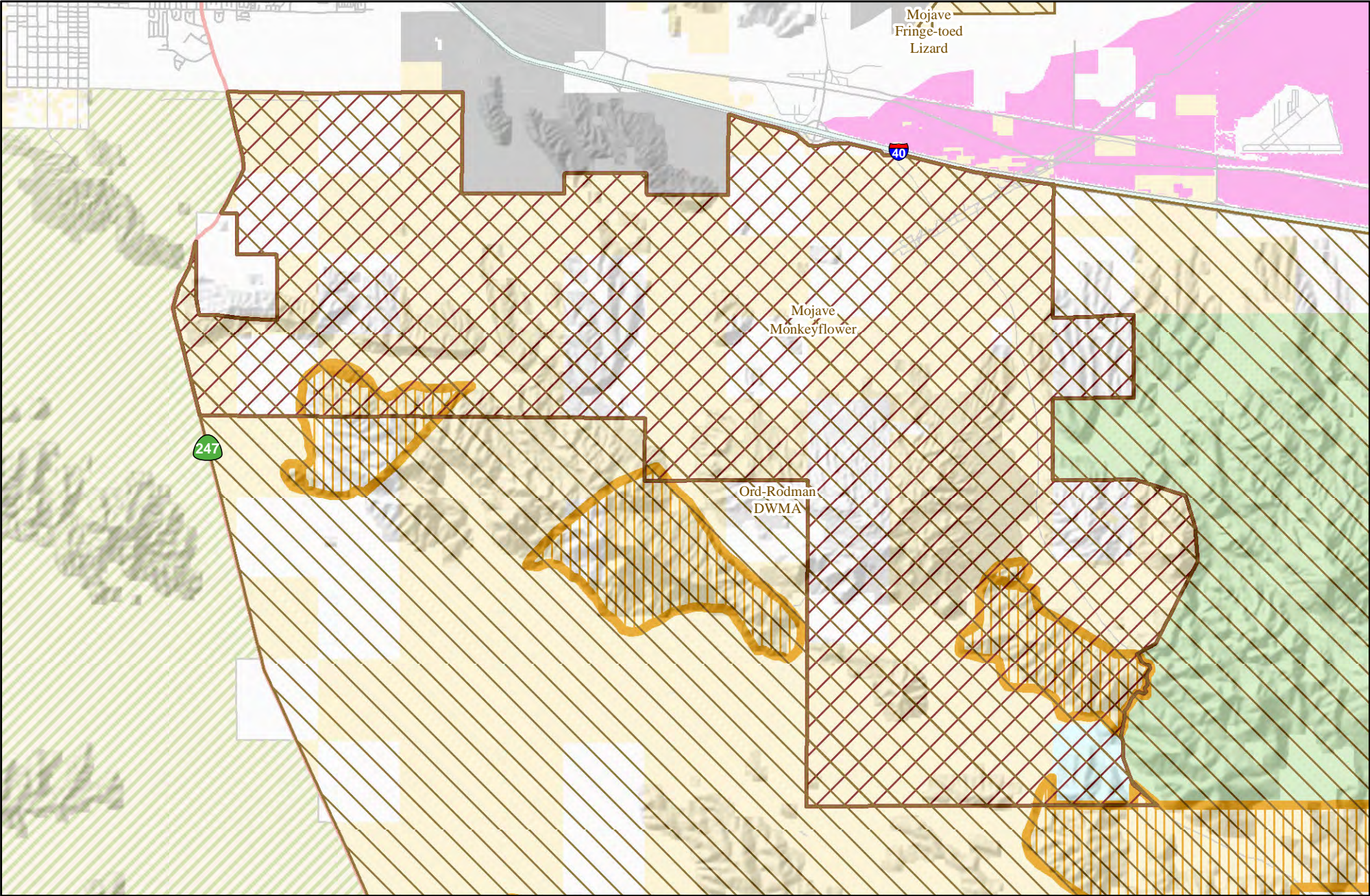
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Dagget Ridge Monkey Flower



Alternative 1 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

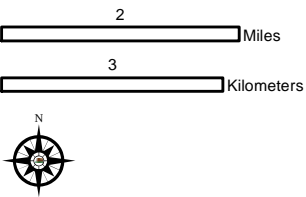
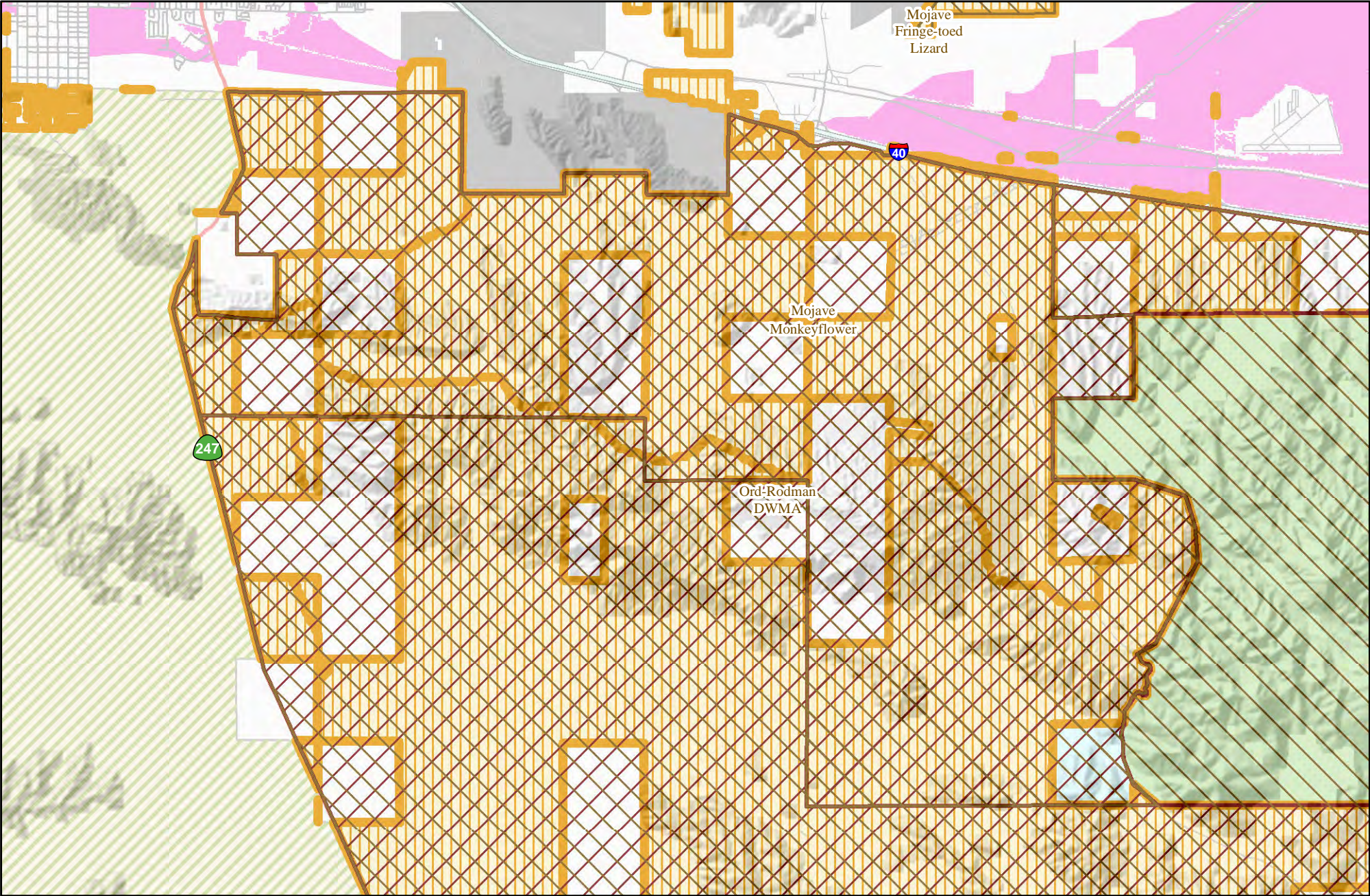
## GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Dagdet Ridge Monkey Flower



Alternative 2 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

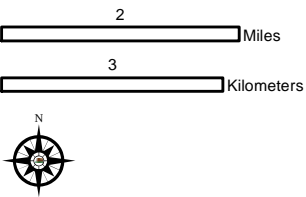
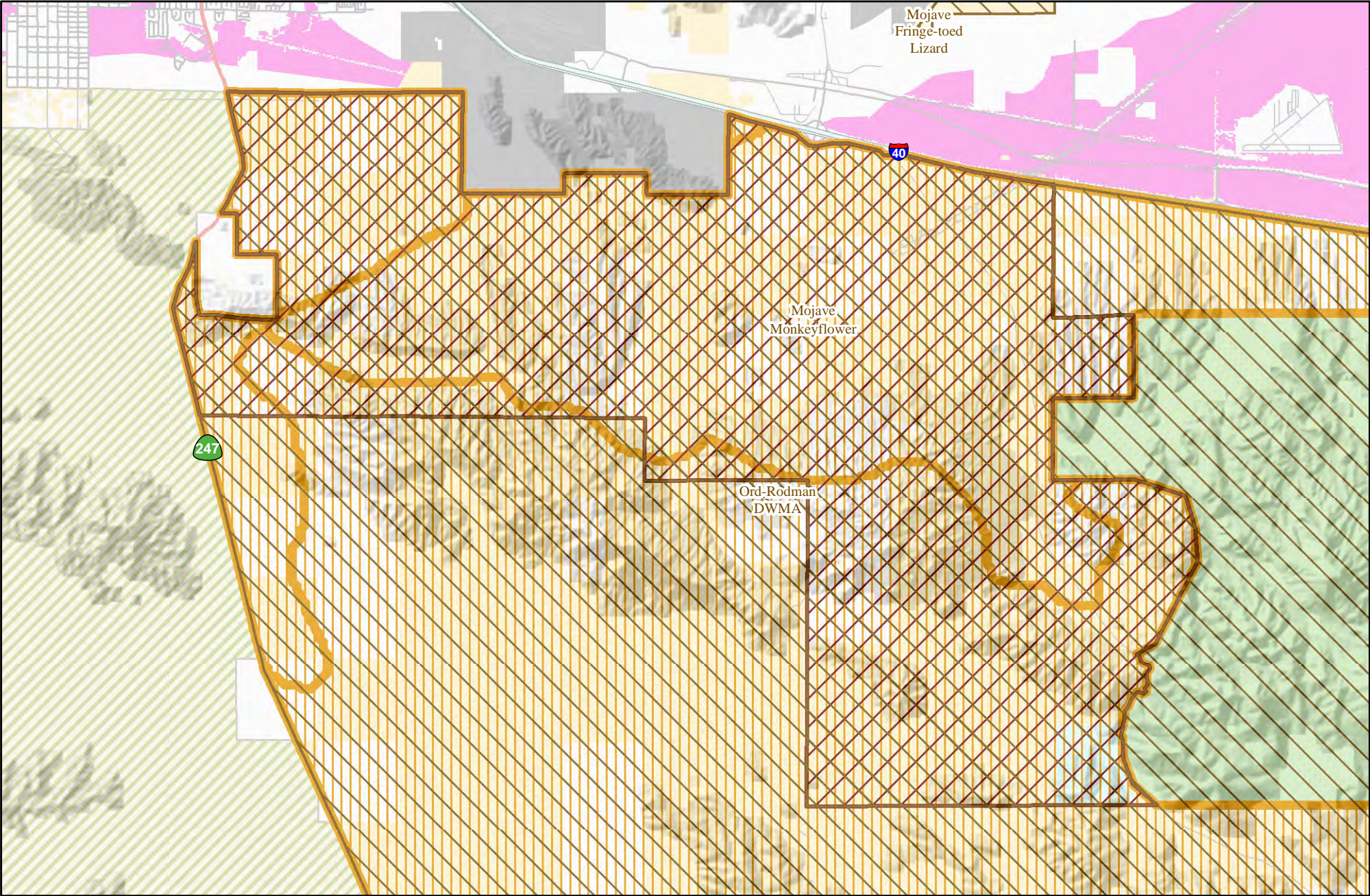
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Dagget Ridge Monkey Flower



## Alternative 3 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

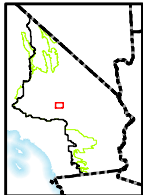
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

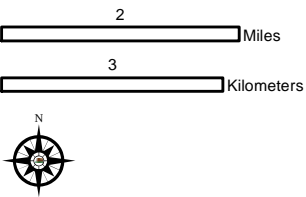
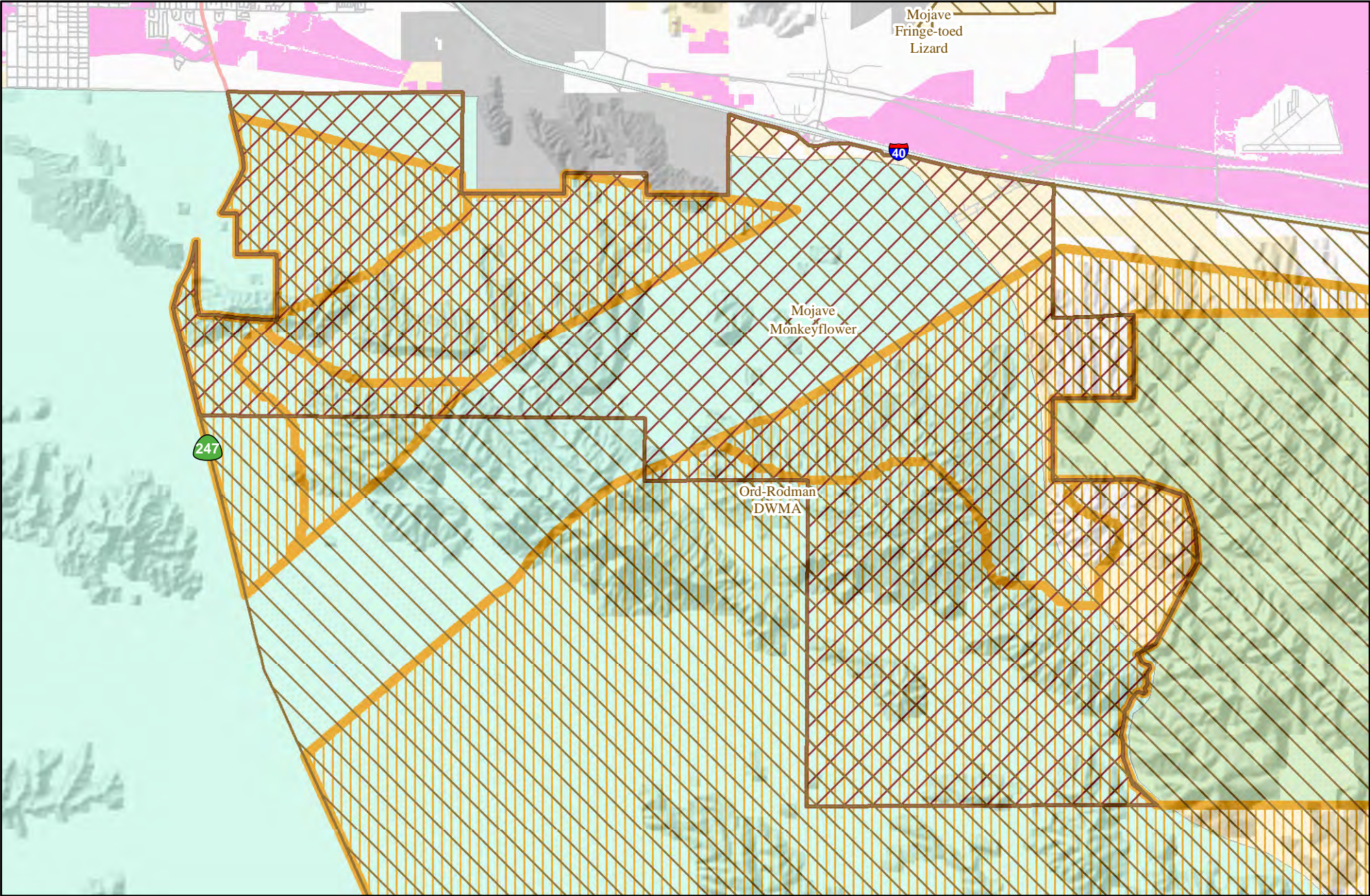
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Dagget Ridge Monkey Flower



Alternative 4 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

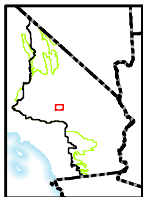
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

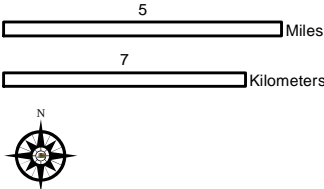
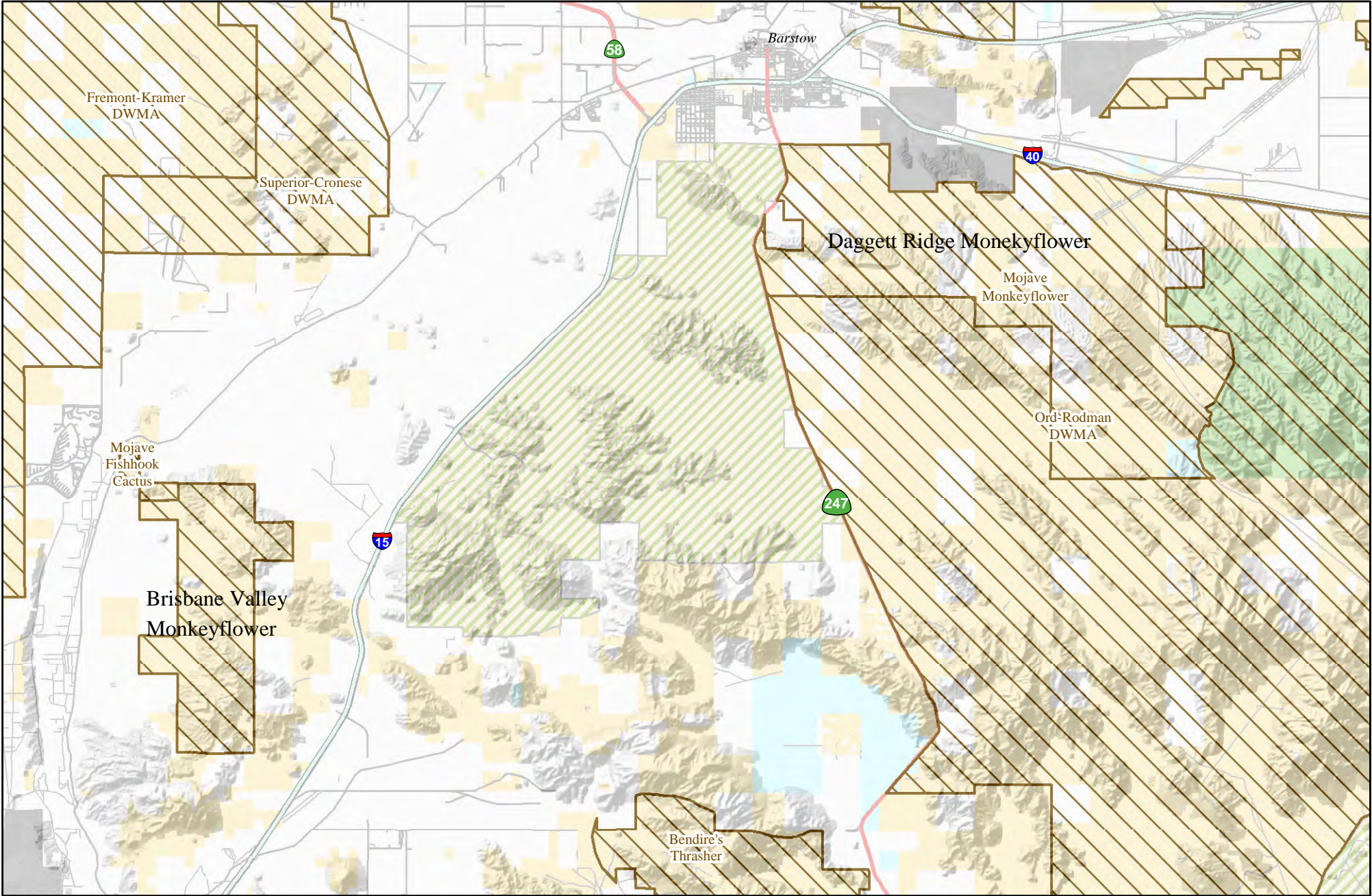
## GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy




















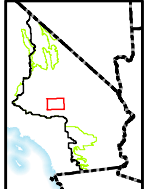
# Mojave Monkeyflower



**No Action ACECs**  
Date Printed: 5/29/2013  
Prepared by BLM California State Office



ACEC Layers		Land Status		GTIF	
	Existing ACEC		Bureau of Land Management		Interstate
	OHV Areas		State		US Hwy
	Legislatively and Legally Protected		Other Federal		CA Hwy
	CDCA Boundary		Military		County Hwy
	DRECP Boundary		Private		
	BLM Field Office				





### Ord Rodman

**Description/Location:** This triangular shaped unit is bounded by Interstate 40 on the north, Highway 247 on the west, and Johnson Valley OHV Area to the south-east.

**Nationally Significant Values:**

Ecological: This area provides high density Desert Tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage.

Scientific: Parts of this area have been the subject of long-term population monitoring studies for the desert tortoise.

**Special Designations/Management Plan/Date:** Established in WEMO, March 2006. The West Mojave Plan serves as the ACEC management plan so that a future ACEC plan was not required.

**Relevance and Importance Criteria:** This area provides high density Desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage.

Relevant wildlife resource values. Desert Tortoise habitat capable of sustaining viable tortoise populations and the highest value critical habitat.

**Goals:** Management of this area is prioritized for tortoise conservation and recovery until which time the tortoise may be delisted as per criteria given in the Recovery Plan. Manage area in accordance with the Desert Tortoise Recovery Plan. Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	218,800	0	NA
Preferred Alternative	158,000	229,300	0	0.5%
1	43,300	218,800	0	0.5%
2	151,800	151,800	0	0.25%
3	157,800	218,800	0	0.5%
4	116,200	218,800	0	0.5%

\* Acreage values are for BLM managed lands



**Alternatives:**

Under All Action Alternatives – the portion of this ACEC that overlaps the Mojave monkey flower ACEC (the north west corner) would be removed from this ACEC (but remained designated at Mojave Monkey Flower ACEC) to eliminated the dual designation and assist the BLM in properly accounting number of acres in conservation status.

Under the preferred Alternative- this ACEC is expanded (see table above, and map that follows).

Under Alternative 2 – this ACEC is reduced in size, and portions in the south end of this area would be designated as a Development Focus Area.

No Action – This existing ACEC would continue to be managed as it currently is, and the dual designation would remain.

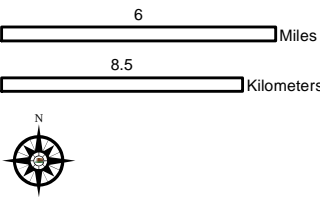
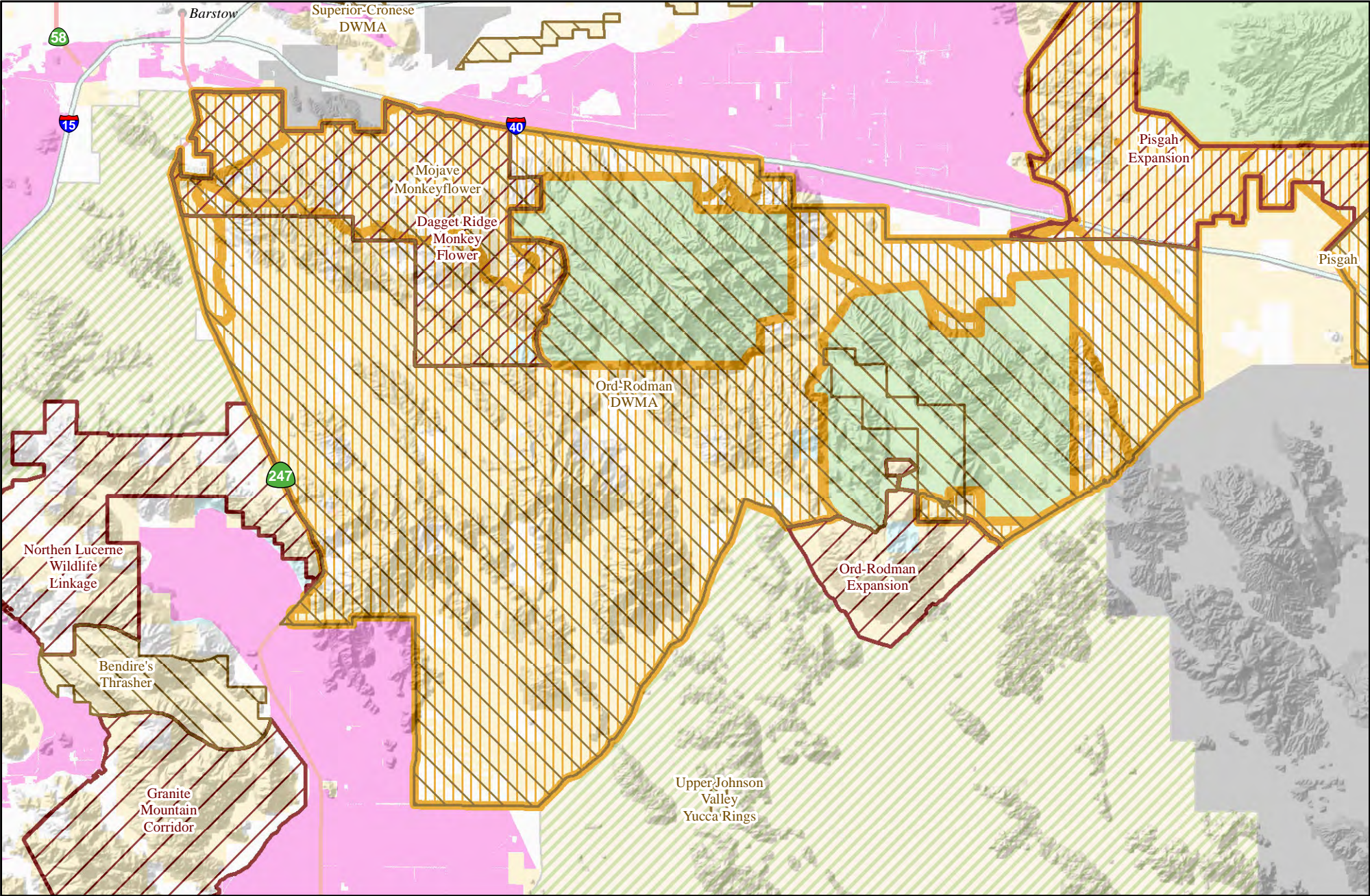
<b>Objectives (desired future conditions)/Allowable Uses/Management Actions</b>	<b>Resource</b>
Objective: Maintain or improve condition of desert tortoise habitat Management Action 1: Eradicate non-native invasive plants Management Action 2: Rehabilitate degraded areas using native species important to desert tortoise. Management Action 3: Protect Natural Communities listed by the state as rare.	Vegetation - Including special status species
Objective: Maintain or improve condition of Desert Tortoise habitat Management Action: Maintain viable populations and connections between other conservation areas  Objective: Monitor long-term trends in desert tortoise populations Management Action: Implement Interagency Line Distance Sampling Protocol	Fish and Wildlife Including special status species
Objective: Protect sensitive habitat from impacts associated with vehicle traffic Allowable Uses: All vehicle traffic limited to designated roads and trails Management Action 1: Establish no new routes in ACEC Management Action 2: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes	Trails and Travel Management
Objective: Inform the public of the importance of the ACEC Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert, this is especially important at the interface between the ACEC and the Johnson Valley OHV Area	Recreation
Objective: Consolidate habitat management Management Action: Acquire inholdings from willing sellers	Land Tenure
Objective: Maintain wildlife linkage and protect desert tortoise critical habitat Management Action: To the degree possible, new utility right-of-ways shall be situated as closely together as practical given engineering specifications, human safety, and other limiting factors. If an option is available, Corridor W will be used rather than Corridor H in the Ord-Rodman ACEC.	Rights of Way (ROW)



Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria	Renewable Energy
Geothermal: Area is closed to geothermal leasing and development	
Objective: Protect from mining activities Management Action: Include stipulations to protect the monkey flower including not disturbing occupied habitat	Locatable Minerals Mineral Materials Non-Energy Leasables
Objective: Protect desert tortoise from impacts associated with cattle grazing Management Action: There is a current cattle allotment within this ACEC. It was identified in WEMO for retirement should the permittee voluntarily relinquish it.	Livestock grazing



# Ord-Rodman



## Preferred Alternative ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

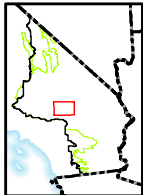
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

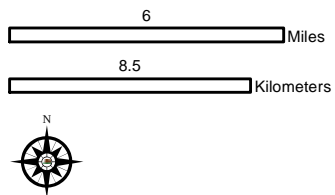
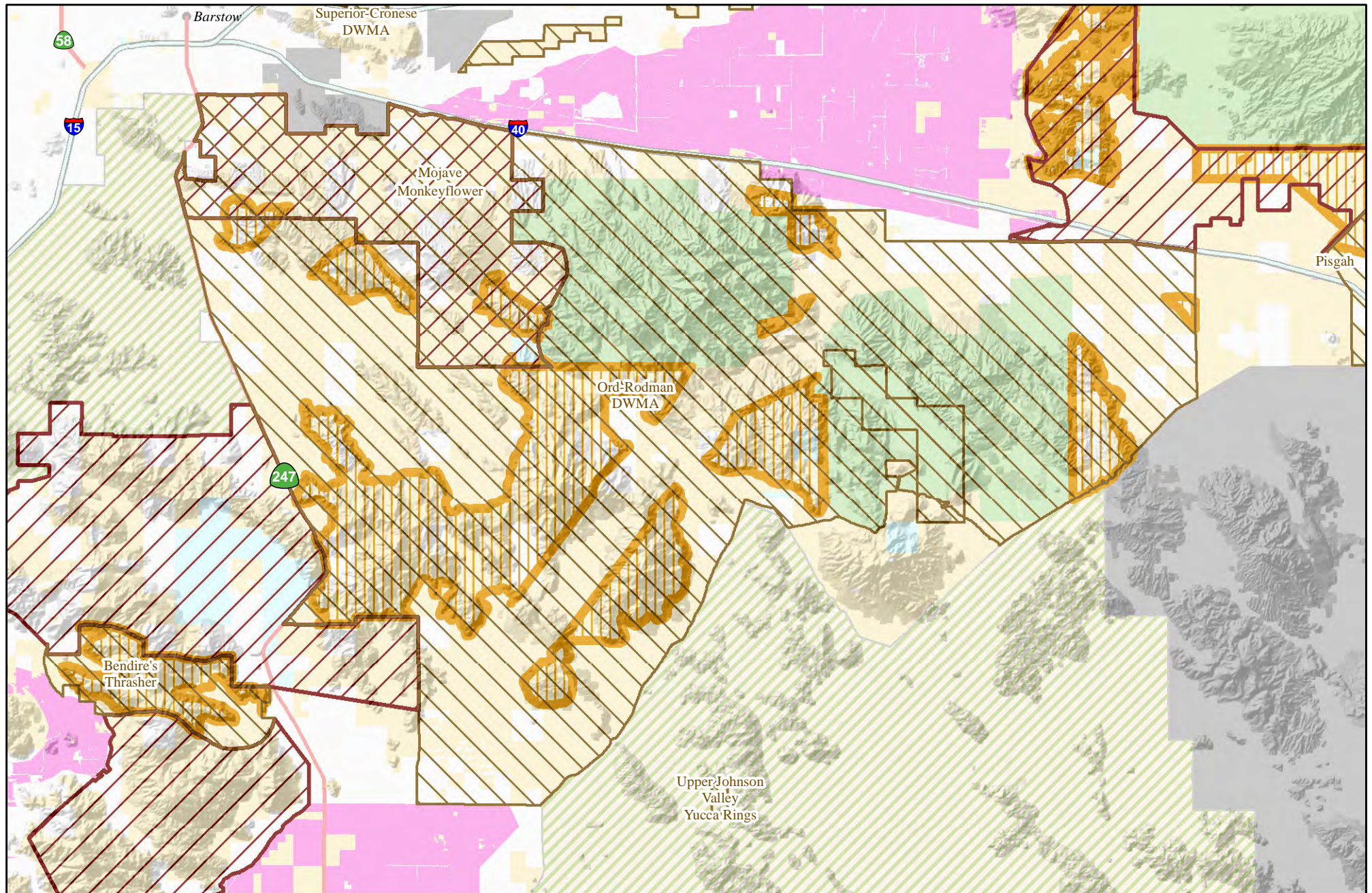
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Ord-Rodman



## Alternative 1 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

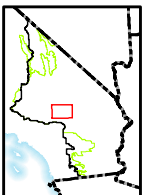
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

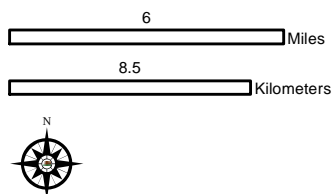
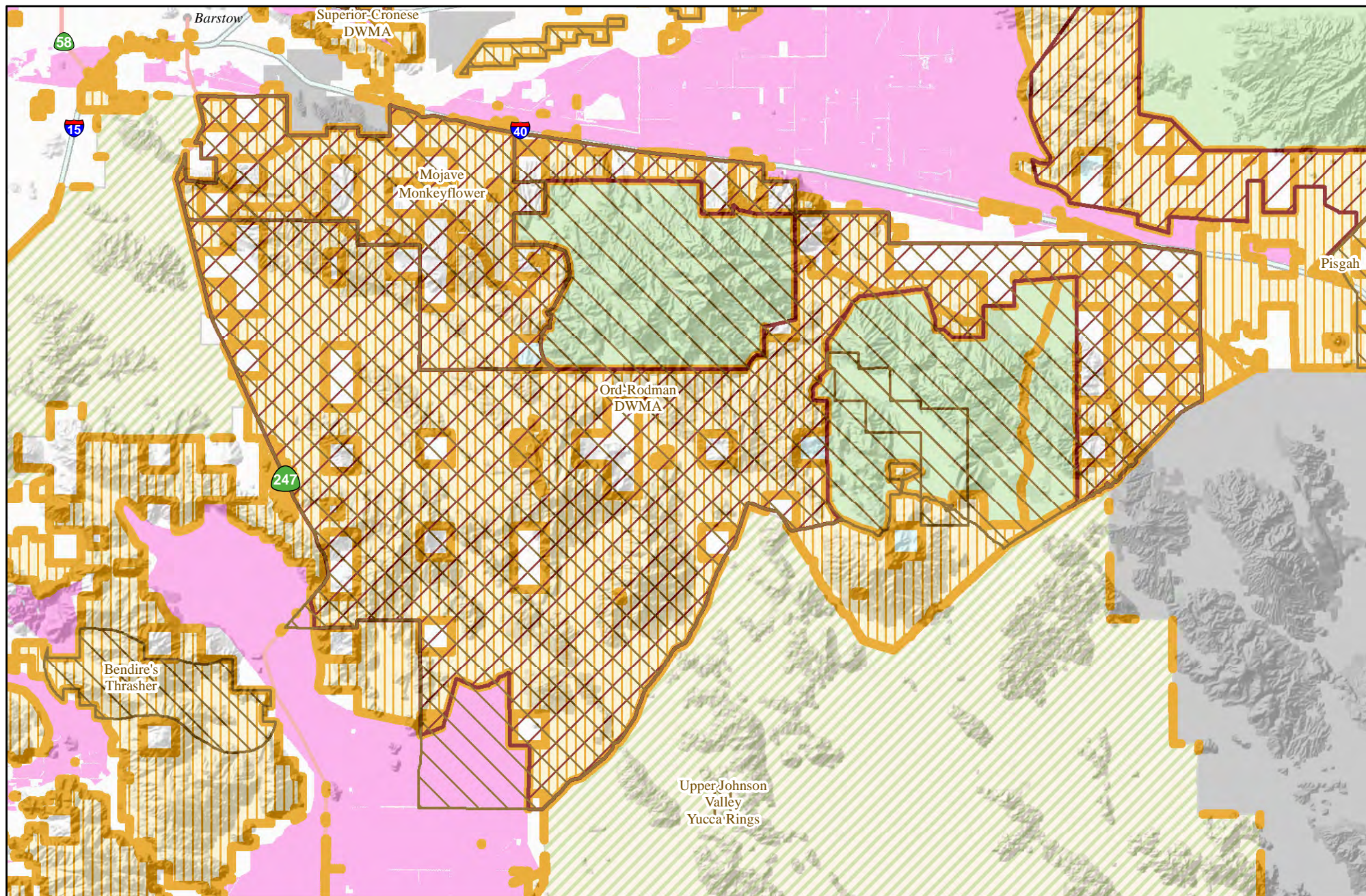
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Ord-Rodman



## Alternative 2 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

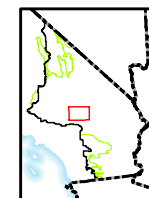
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

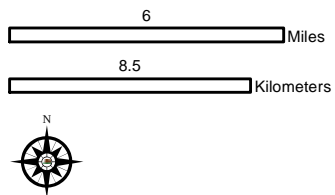
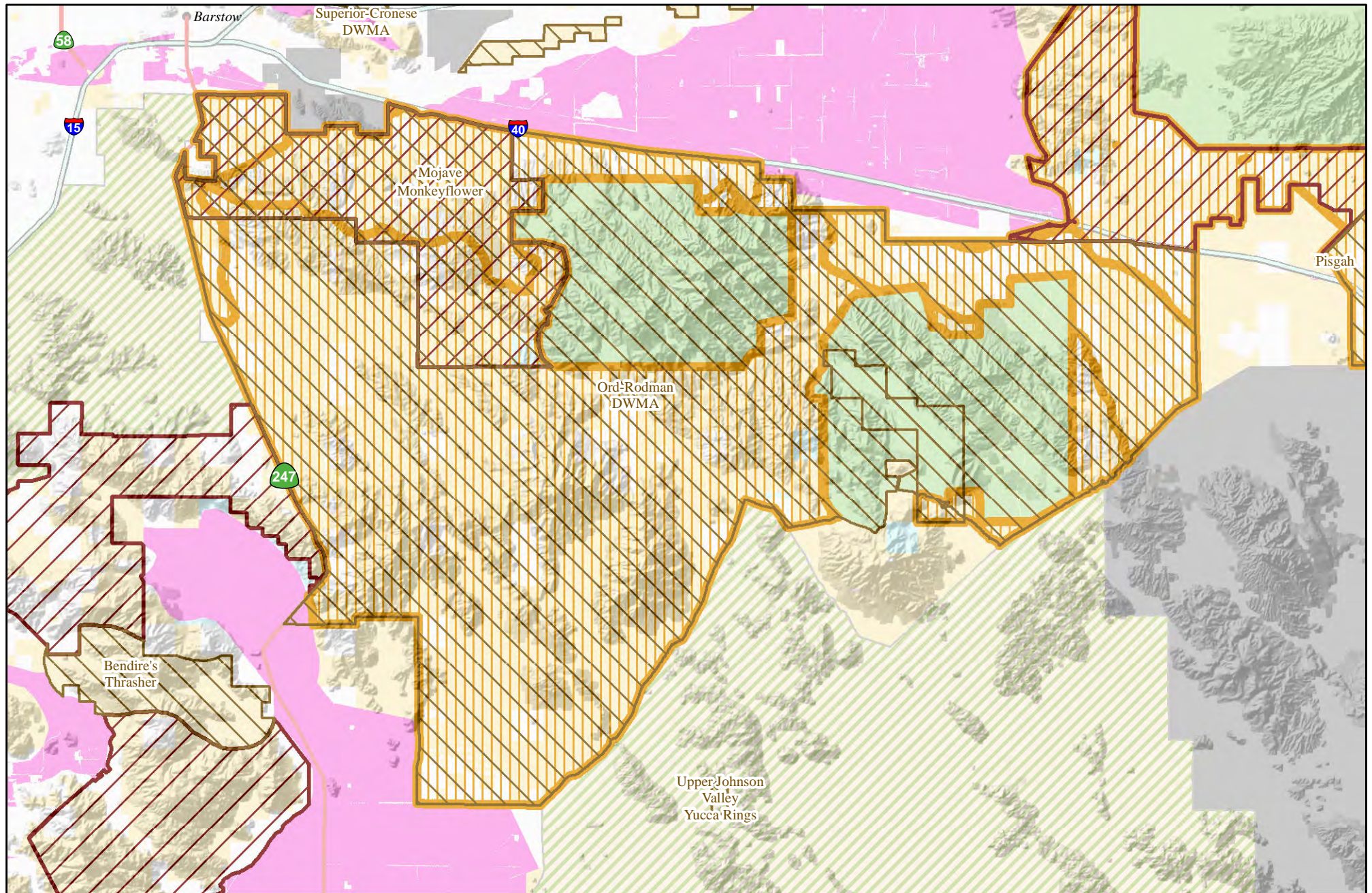
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Ord-Rodman



## Alternative 3 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

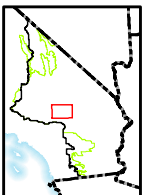
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

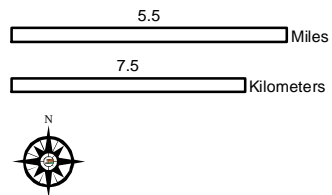
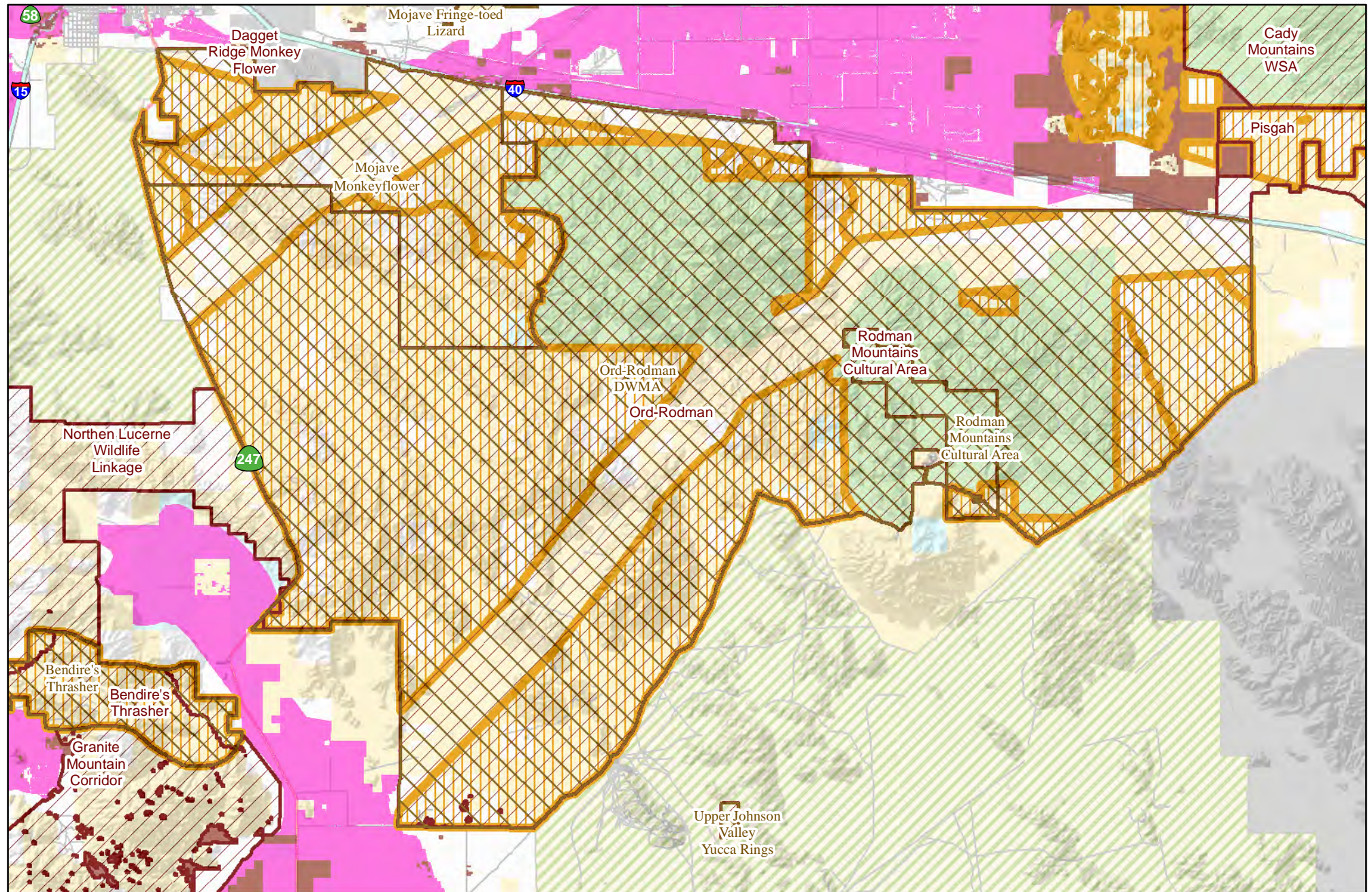
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Ord-Rodman



## Alternative 4 ACECs

Date Printed: 8/6/2014  
Prepared by BLM California State Office



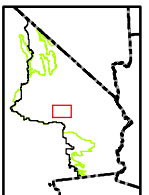
### ACEC Layers

- Existing ACEC
- Proposed NLCS
- Proposed ACEC
- Proposed Wildlife Allocation
- Legislatively and Legally Protected

- Design Focus Areas
- Variance Lands
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

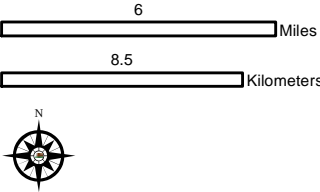
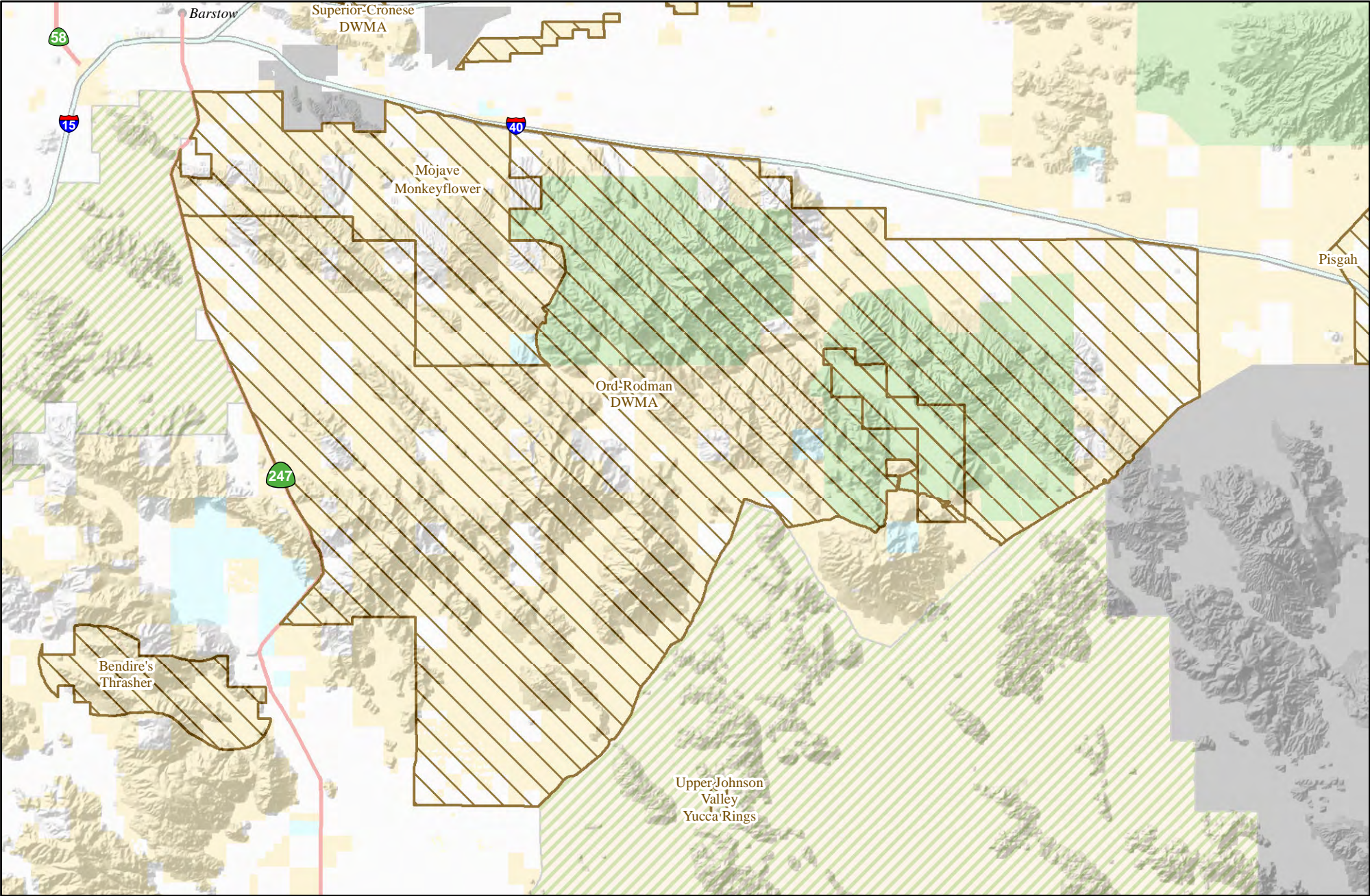
- Land Status**
- Bureau of Land Management
- State
- Other Federal
- Military
- Private

- GTLF**
- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Ord-Rodman



## No Action ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

Existing ACEC

OHV Areas

Legislatively and Legally Protected

Cities

CDCA Boundary

DRECP Boundary

BLM Field Office

### Land Status

Bureau of Land Management

State

Other Federal

Military

Private

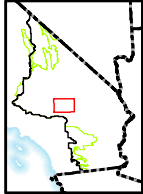
### GTIF

Interstate

US Hwy

CA Hwy

County Hwy





### Pinto Mountain

**Description/Location:** This unit is east-south east of Twentynine Palms. It is bounded on the north by Highway 62 and is surrounded on the three remaining sides by Joshua Tree National Park.

**Nationally Significant Values:**

Ecological: This area provides high density Desert tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage. This is a large block of relatively undisturbed habitat which maintains landscape level integrity.

**Special Designations/Management Plan/Date:** Established in WEMO, March 2006.

**Relevance and Importance Criteria** This area provides high density Desert Tortoise habitat and encompassed designated desert tortoise critical habitat. This area provides critical tortoise habitat linkage.

**Goals:** This unit will be managed for tortoise conservation and recovery until which time the tortoise may be delisted as per criteria given in the Recovery Plan. Manage area in accordance with the Desert Tortoise Recovery Plan. Protect biological values, including habitat quality, populations of sensitive species, and landscape connectivity while providing for compatible public uses.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	110,000	0	NA
Preferred Alternative	85,600	110,000	0	0.5%
1	0	110,000	0	0.5%
2	85,600	110,000	0	0.5%
3	85,600	110,000	0	0.5%
4	85,600	110,000	0	0.5%

\* Acreage values are for BLM managed lands

**Alternatives:**

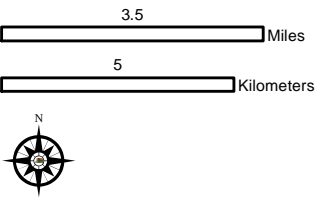
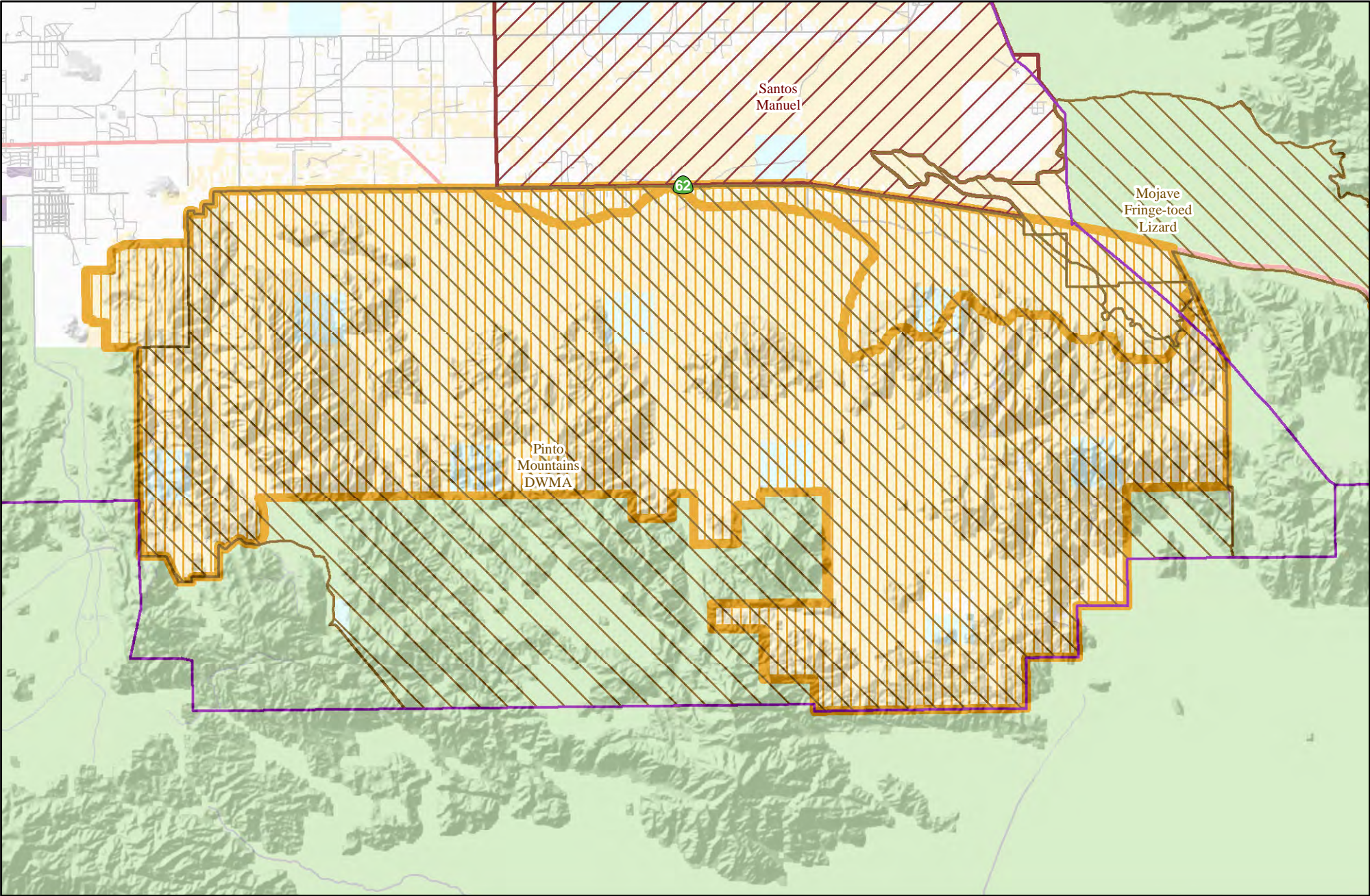
All Alternatives – this existing ACEC would continue to be managed as it currently is.



Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of desert tortoise habitat</p> <p>Objective 1: Eradicate non-native invasive plants</p> <p>Objective 2: Rehabilitate degraded areas using native species important to desert tortoise.</p> <p>Objective 3: Protect Natural Communities listed by the state as rare.</p>	Vegetation - Including special status species
<p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action: Maintain viable populations and connections between other conservation areas</p> <p>Objective: Monitor long-term trends in desert tortoise populations</p> <p>Management Action: A line distance sampling (or other scientifically credible method, if distance sampling proves ineffective) would be implemented in the Pinto Mountain DWMA</p>	Fish and Wildlife Including special status species
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action 1: Establish no new routes in ACEC</p> <p>Management Action 2: Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes</p>	Trails and Travel Management
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert</p>	Recreation
<p>Objective: Consolidate habitat management</p> <p>Management Action: Acquire inholdings from willing sellers</p>	Land Tenure
<p>Objective: Maintain wildlife linkage and protect desert tortoise critical habitat</p> <p>Management Action: To the degree possible, new utility right-of-ways shall not interfere with connectivity across the ACEC</p>	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: Area is closed to geothermal leasing and development</p>	Renewable Energy



# Pinto Mountains



## Preferred Alternative ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

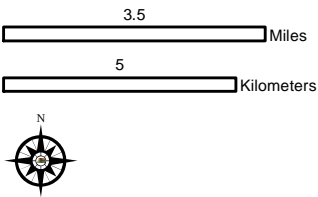
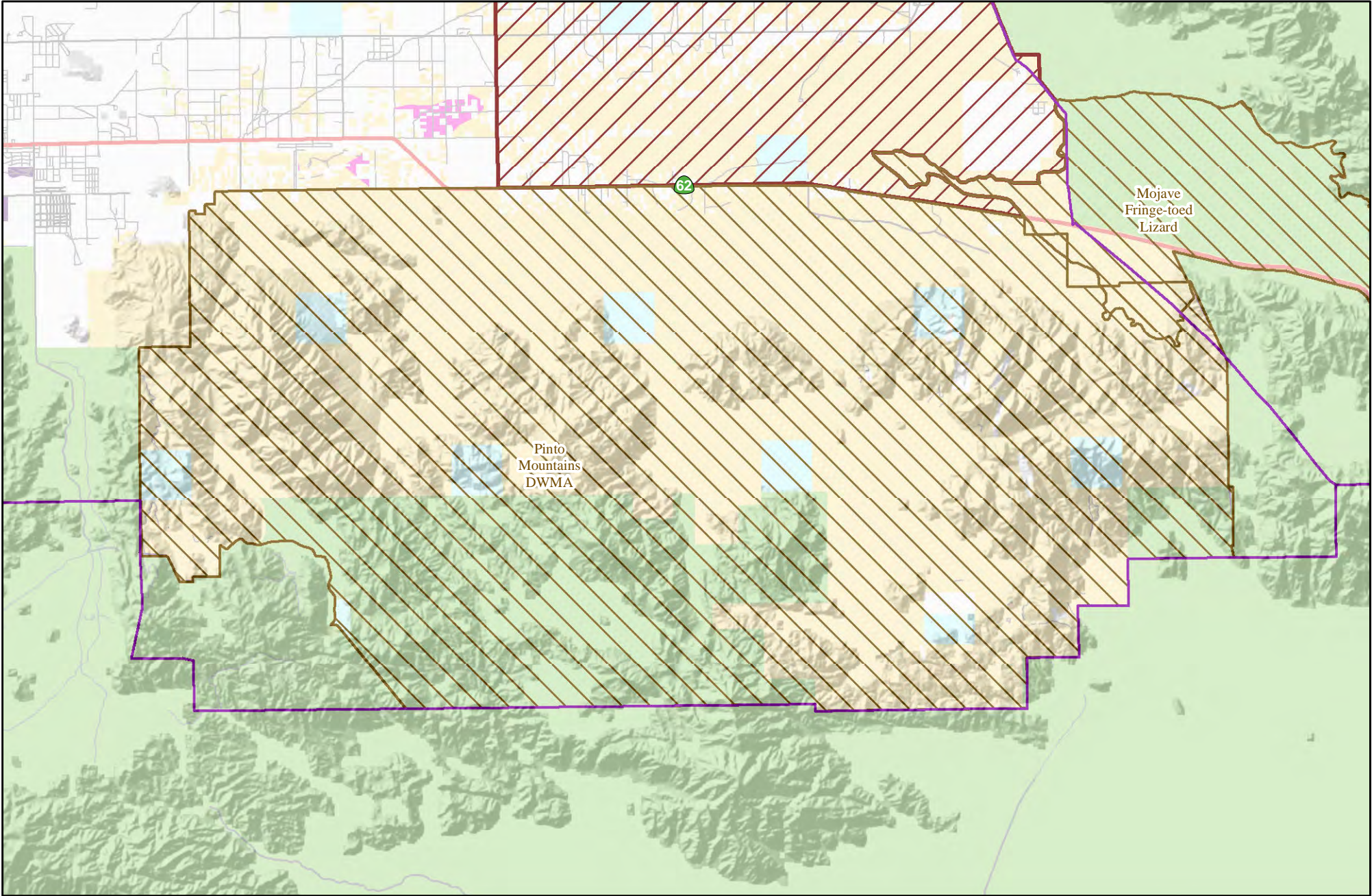
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Pinto Mountains



Alternative 1 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

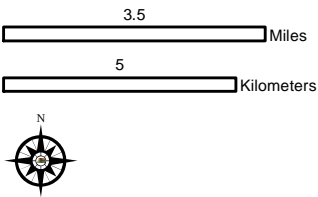
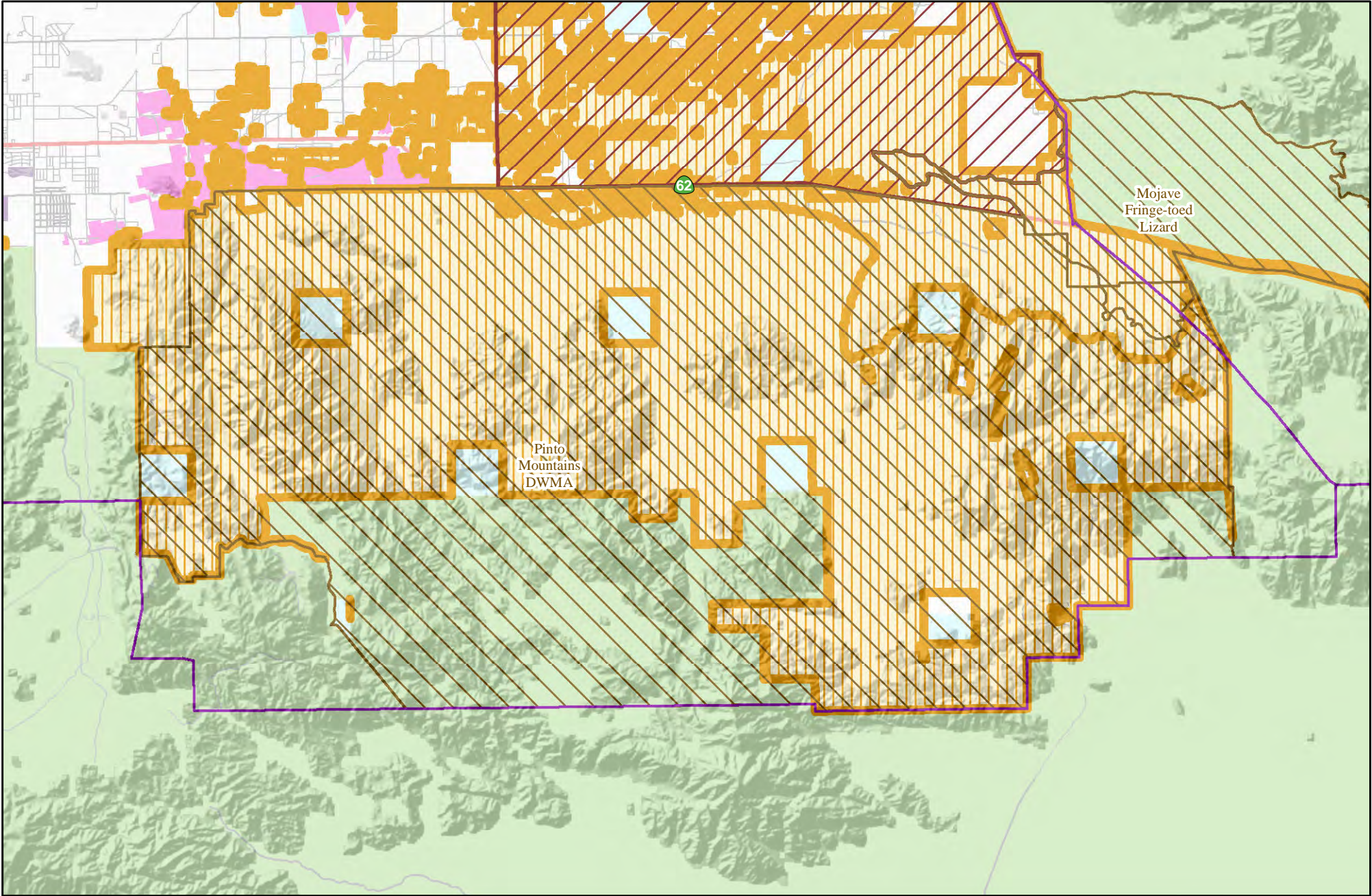
## GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Pinto Mountains



## Alternative 2 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

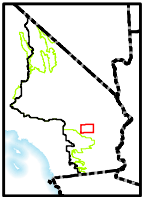
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

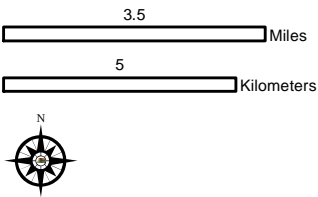
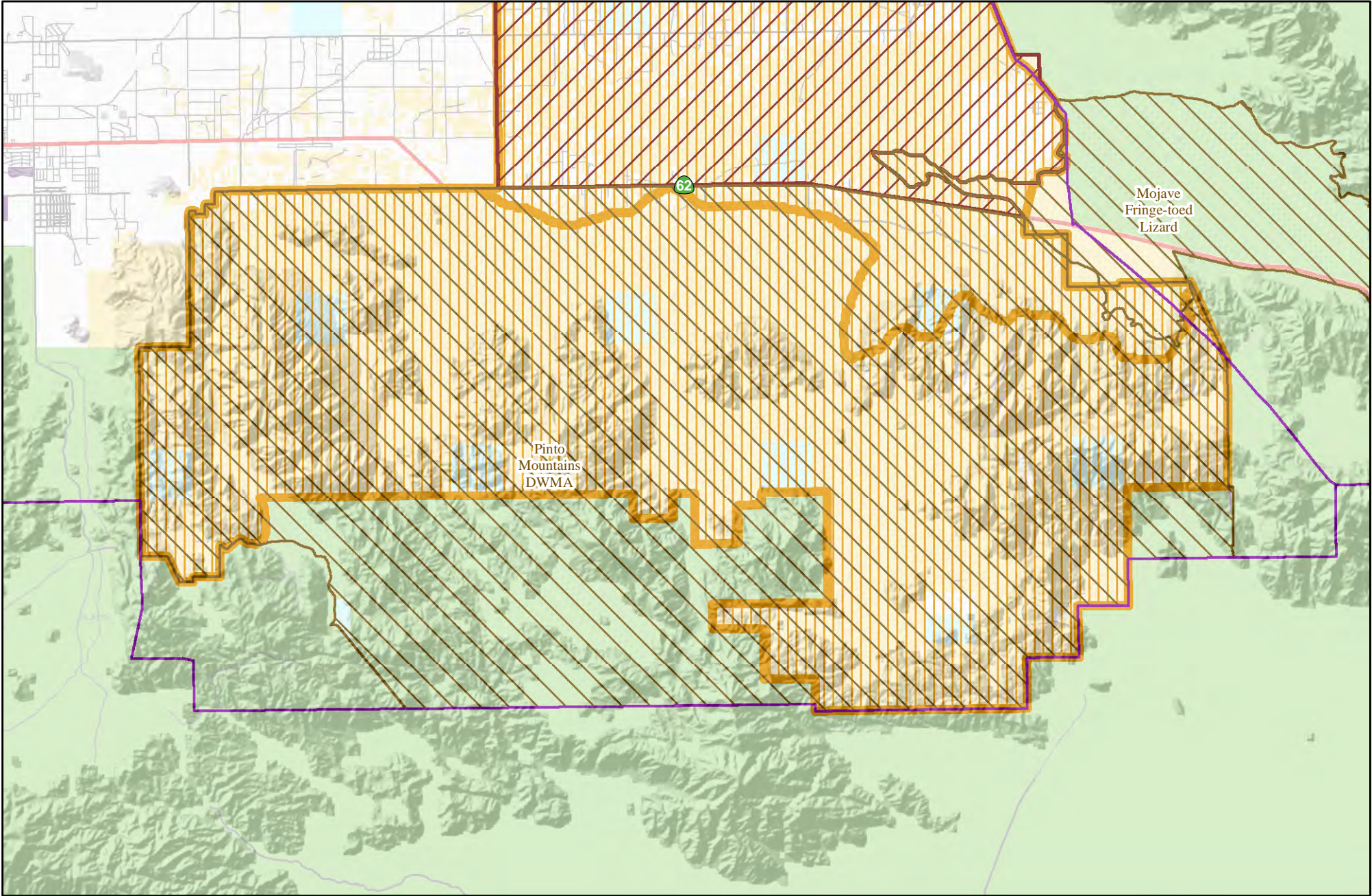
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Pinto Mountains



## Alternative 3 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

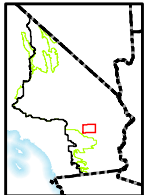
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

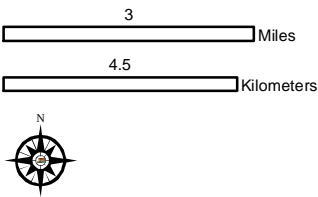
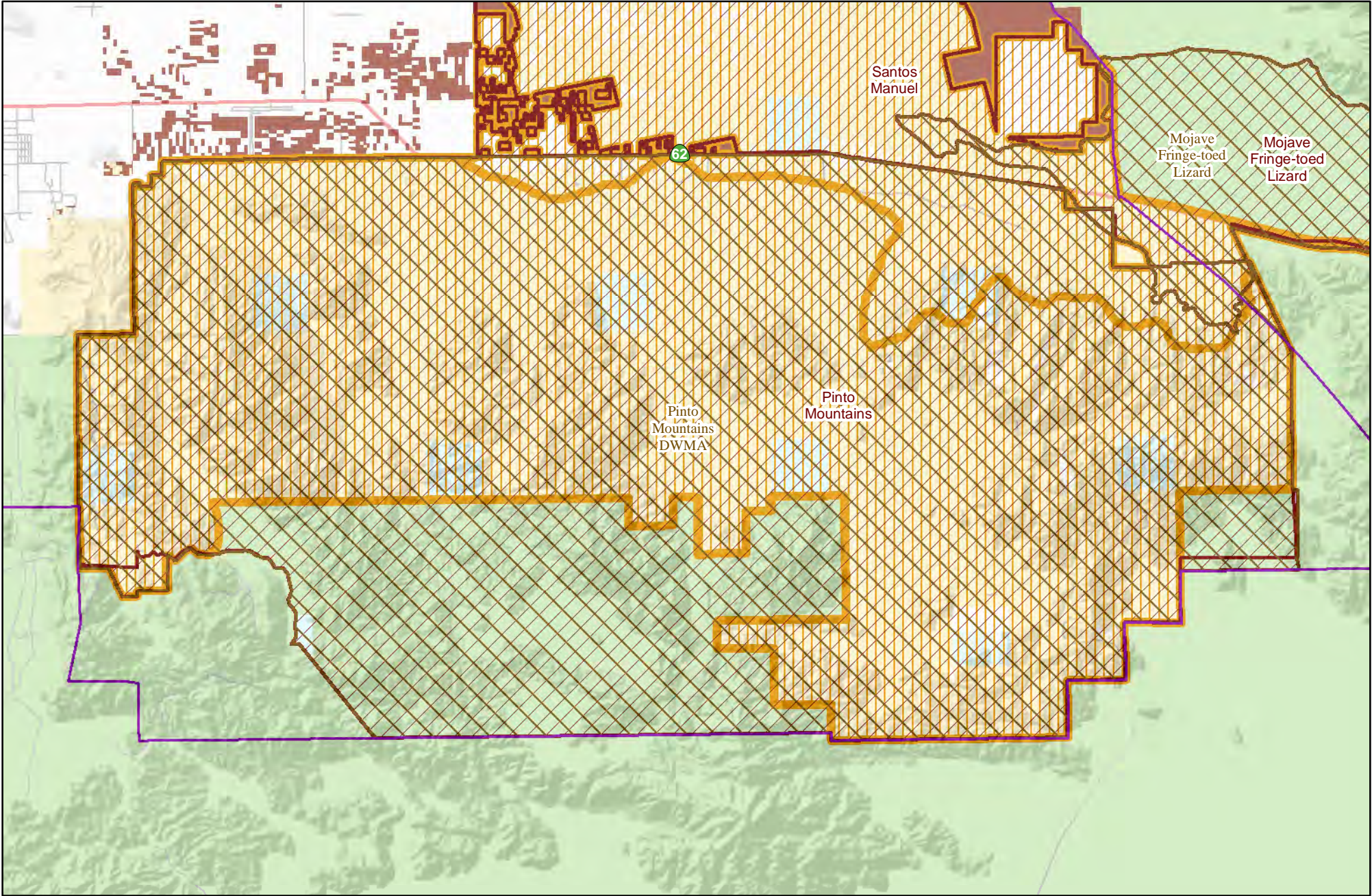
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





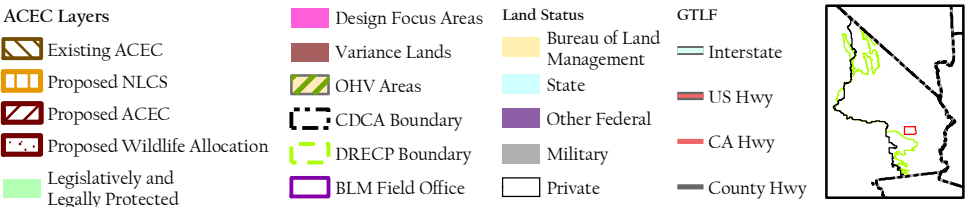
# Pinto Mountains



Alternative 4 ACECs

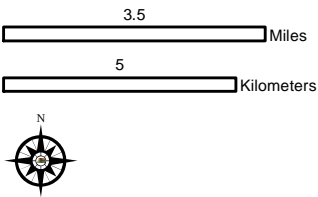
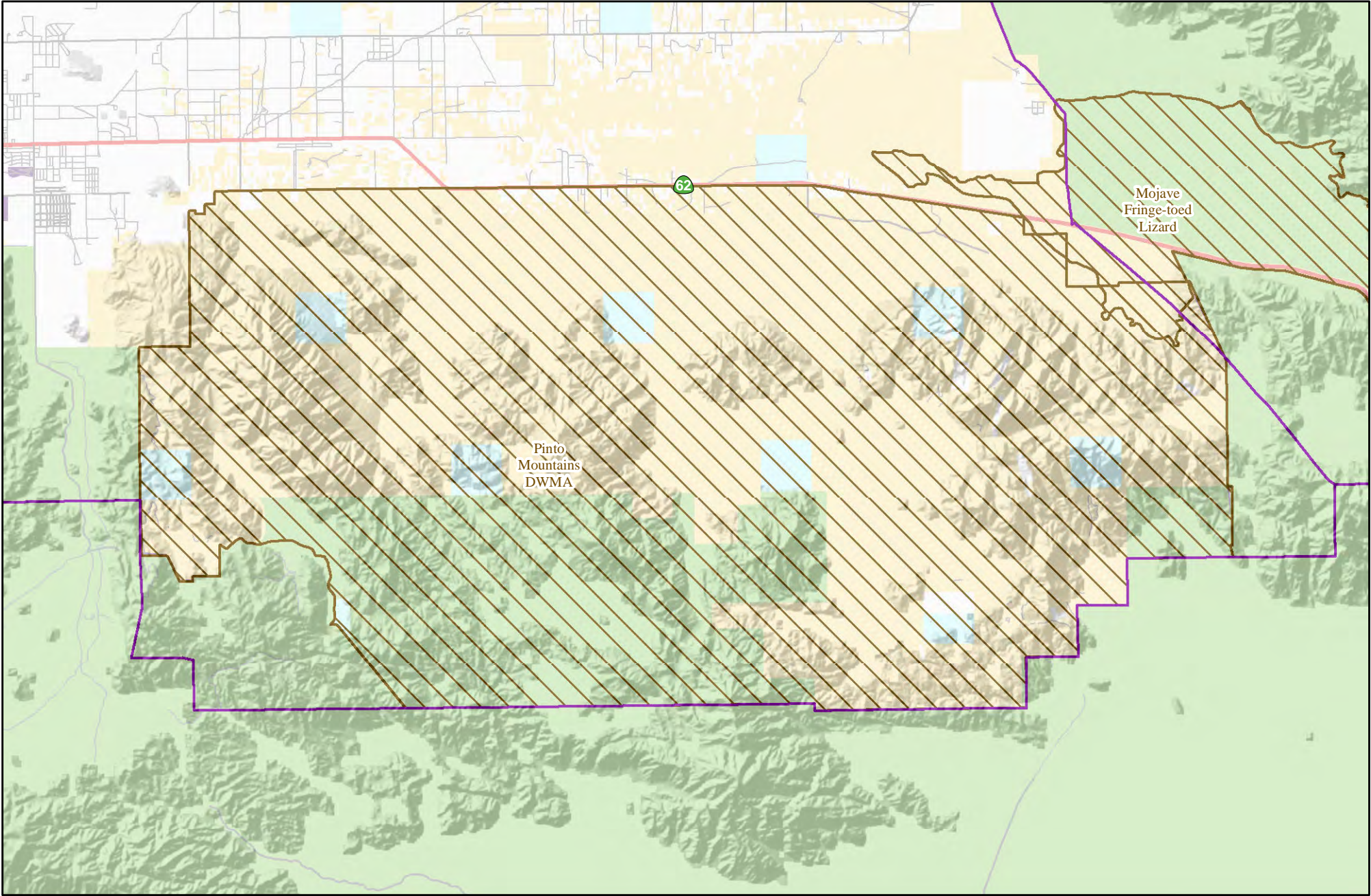
Date Printed: 8/6/2014

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# Pinto Mountains



**No Action ACECs**  
Date Printed: 5/29/2013  
Prepared by BLM California State Office



- | ACEC Layers                         |                  | Land Status               | GTLF       |
|-------------------------------------|------------------|---------------------------|------------|
| Existing ACEC                       | Cities           | Bureau of Land Management | Interstate |
| OHV Areas                           | CDCA Boundary    | State                     | US Hwy     |
| Legislatively and Legally Protected | DRECP Boundary   | Other Federal             | CA Hwy     |
|                                     | BLM Field Office | Military                  | County Hwy |
|                                     |                  | Private                   |            |





### Rodman Mountains Cultural Area

**Description/Location:** South of Interstate 40 and almost completely within the Rodman Mountain Wilderness Area. It is approximately 23 miles east-southeast of Barstow. A portion of the ACEC is within the Rodman Wilderness.

**Nationally Significant Values:**

Cultural: Important cultural resources in the area that may lend to a better understanding of prehistoric cultures in the Mojave. The area is important to the religious and spiritual concerns of native Americans.

**Special Designations/Management Plan/Date:** Established in WEMO, March 2006. The West Mojave Plan serves as the ACEC management plan so that a future ACEC plan was not be required.

**Relevance and Importance Criteria:** Important cultural and wildlife values. Cultural resources in the area that may lend to a better understanding of prehistoric cultures in the Mojave. The area is important to the religious and spiritual concerns of Native Americans. This area is also includes limited Desert tortoise habitat. Most of this area is within the Rodman Mountains Wilderness.

**Goals:** Preserve and protect important cultural resources.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	6,200	0	NA
Preferred Alternative	800	6,200	0	0.5
1	0	6,200	0	0.5
2	6,200**	6,200	0	0.5
3	800	6,200	0	0.5
4	800	6,200	0	0.5

\* Acreage values are for BLM managed lands

\*\* Includes overlap of existing designated Wilderness

**Alternatives:**

All Action Alternatives: This unit almost completely overlaps the Ord-Rodman ACEC. To resolve this dual designation, all action alternatives will remove this unit from Ord-Rodman, it will remain designated and the Rodman Mountain Cultural Area. This ACEC will continue to be managed as it is currently.

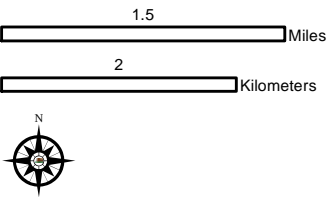
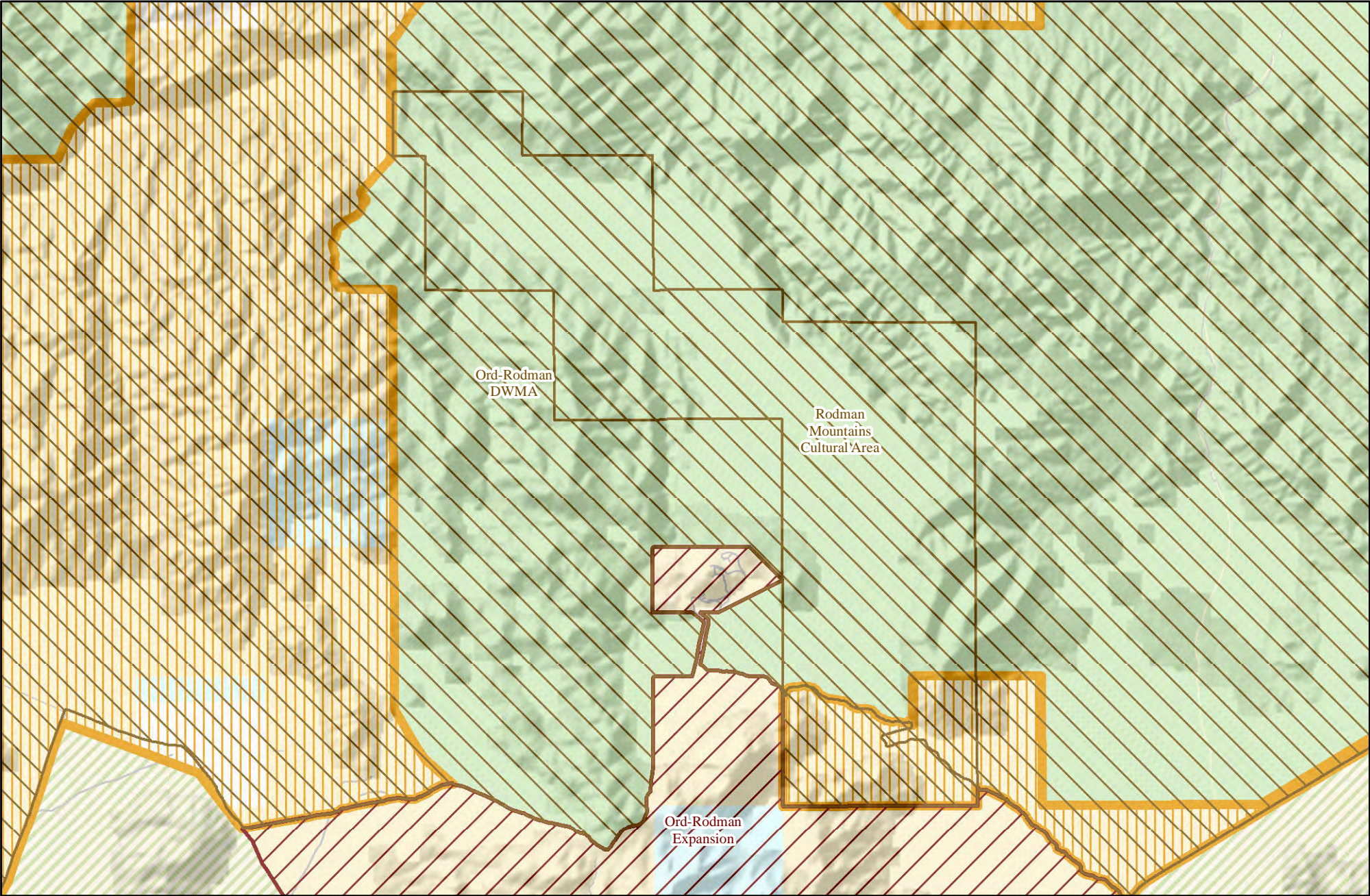
No Action- This existing ACEC would continue to be managed as it is, and the dual designation would remain.



Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action: Eradicate non-native invasive plants</p> <p>Management Action 2: Rehabilitate degraded areas using native species important to desert tortoise.</p> <p>Management Action 3: Protect Natural Communities listed by the state as rare.</p>	Vegetation - Including special status species
<p>Objective: Maintain or improve condition of Desert Tortoise habitat</p> <p>Management Action: Maintain viable populations and connections between other conservation areas</p>	Fish and Wildlife Including special status species
<p>Objective: Protect cultural and religious value of area for Native Americans</p> <p>Management Action: Maintain landscape in undisturbed condition</p> <p>See programmatic ACEC cultural resources objective and action items in general cultural resources rules.</p>	Cultural Resources
<p>Objective: Protect sensitive habitat from impacts associated with vehicle traffic</p> <p>Allowable Uses: All vehicle traffic limited to designated roads and trails</p> <p>Management Action 1: Establish no new routes in ACEC</p> <p>Management Action 2: Management Action: Modify the WEMO Route Network to reflect open routes through the ACEC and close other existing unauthorized routes</p>	Trails and Travel Management
<p>Objective: Inform the public of the importance of the ACEC</p> <p>Management Action: Install interpretive signs at access points to the ACEC, conduct public education efforts concerning OHV use in the desert, this is especially important at the interface between the ACEC and the Johnson Valley OHV Area</p> <p>Objective: Prevent impacts associated with vehicle traffic</p> <p>Allowable Uses: Restricted vehicle camping to within 100ft of designated open roads,</p> <p>Competitive speed events prohibited</p>	Recreation
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: Area is closed to geothermal leasing and development</p>	Renewable Energy



# Rodman Mountains Cultural Area



## Preferred Alternative ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

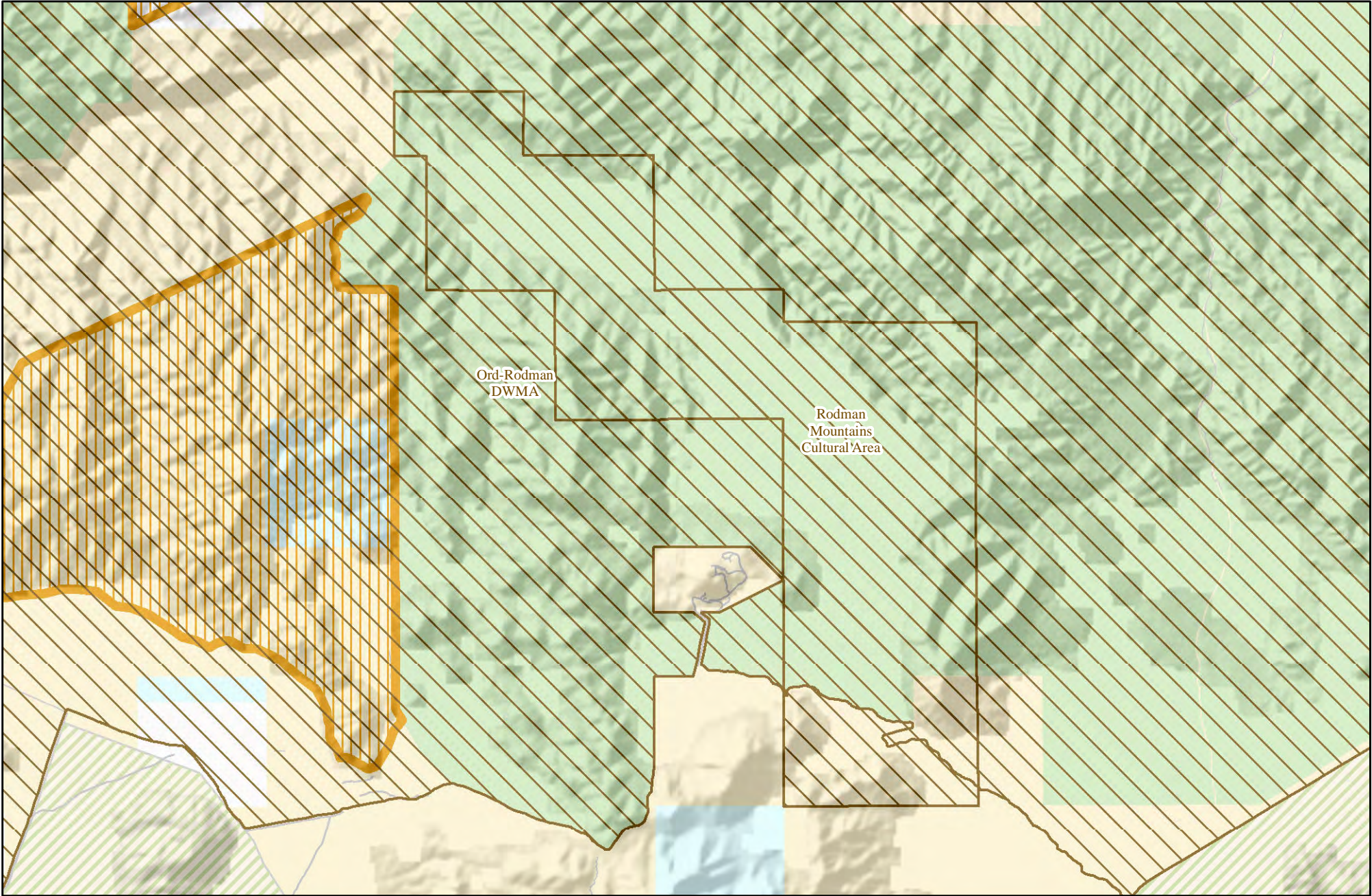
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Rodman Mountains Cultural Area



## Alternative 1 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

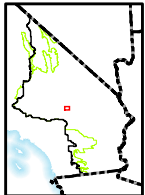
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

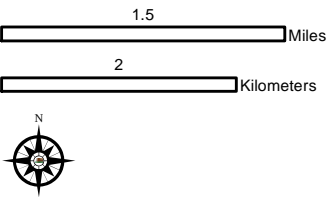
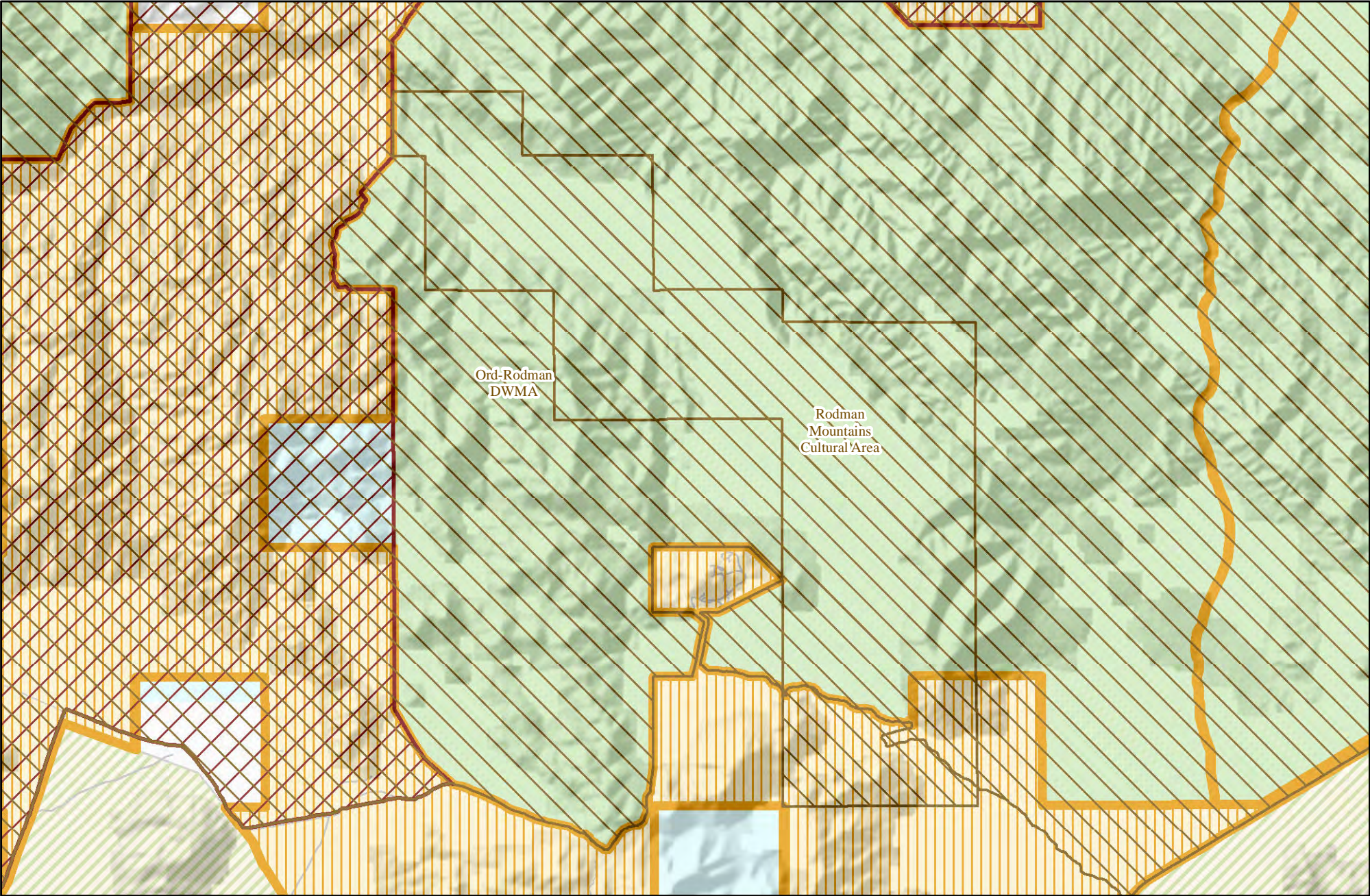
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Rodman Mountains Cultural Area



## Alternative 2 ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

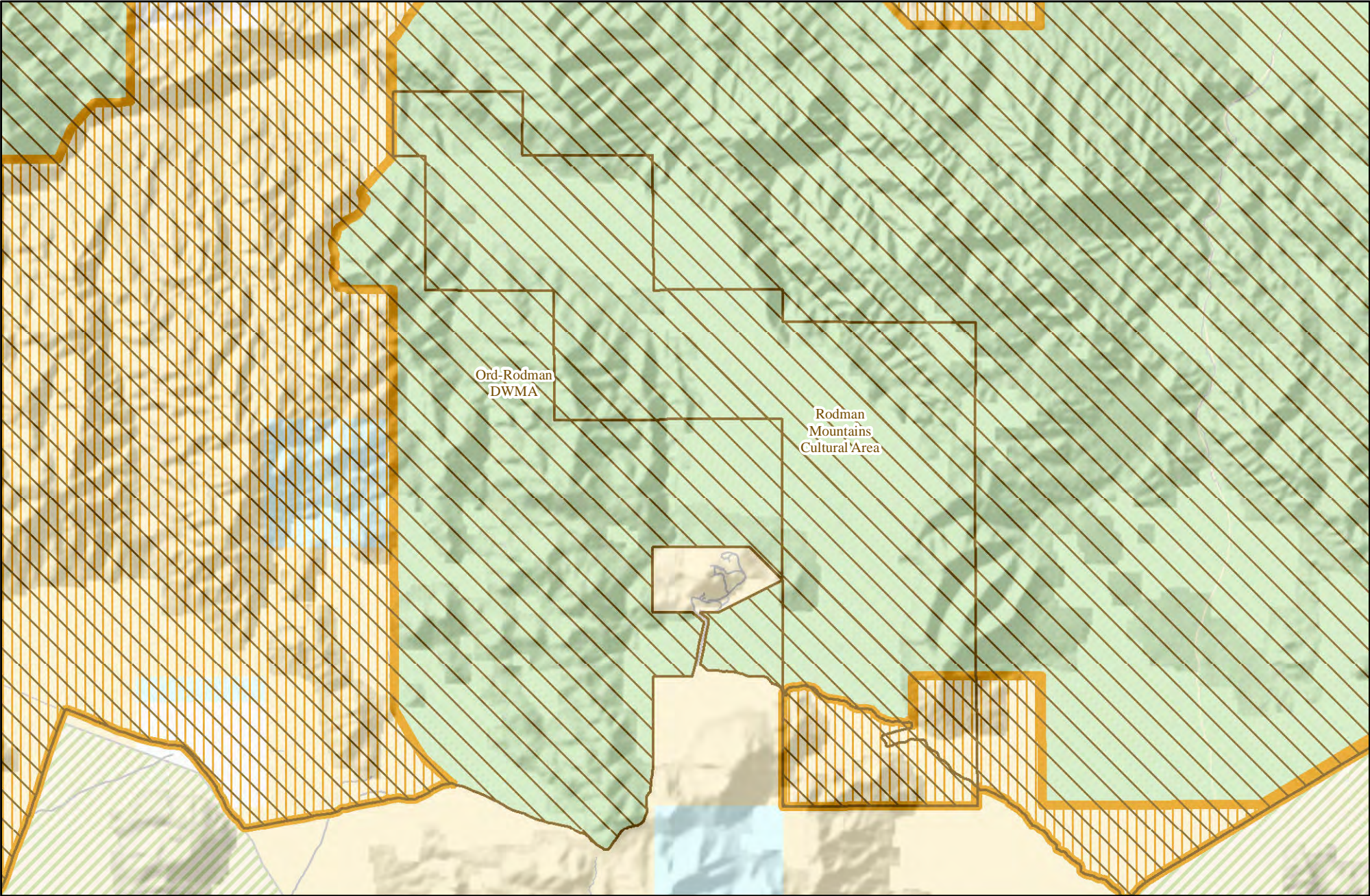
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Rodman Mountains Cultural Area



## Alternative 3 ACECs

Date Printed: 5/29/2013  
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### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

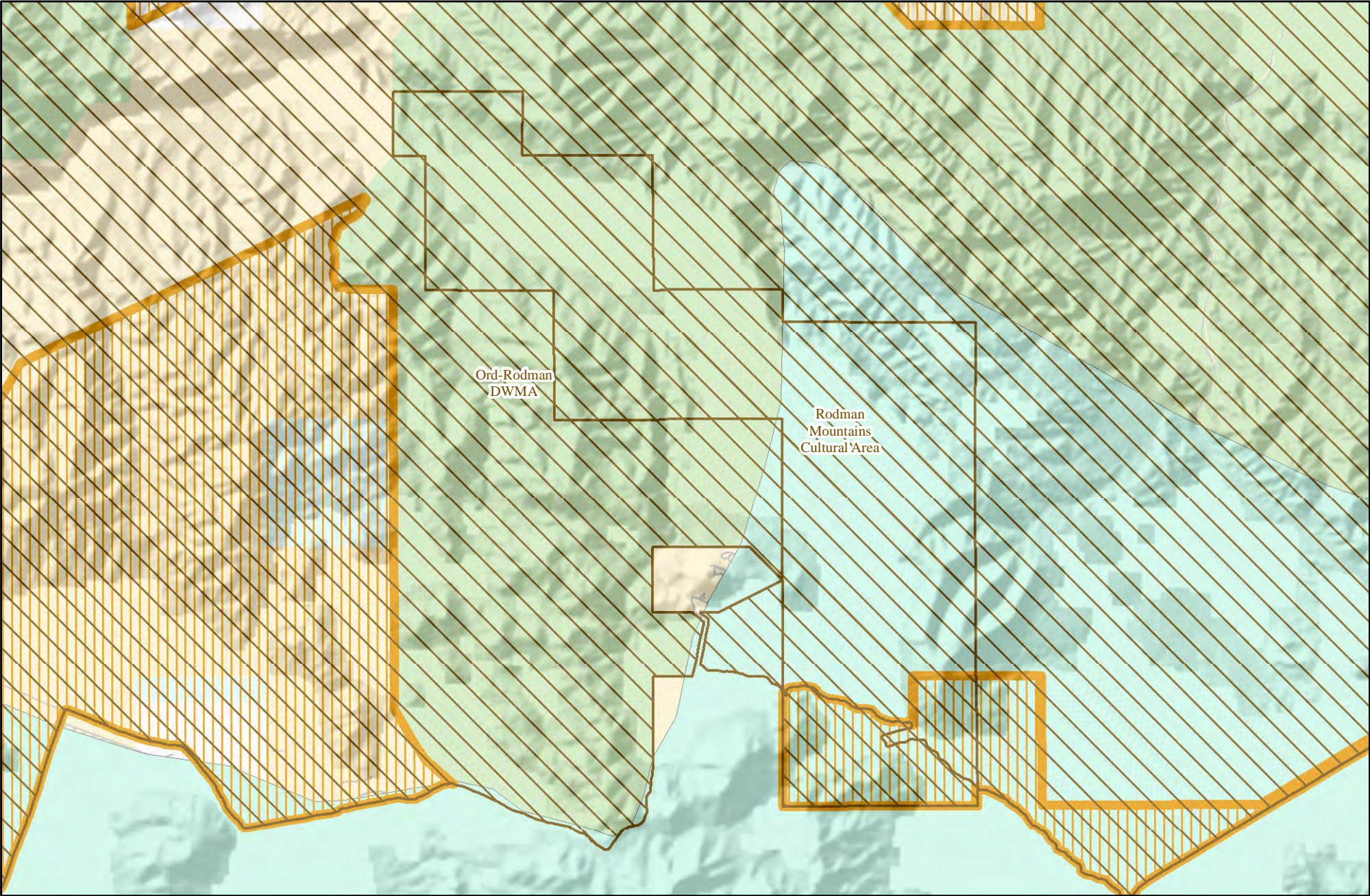
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Rodman Mountains Cultural Area



Alternative 4 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

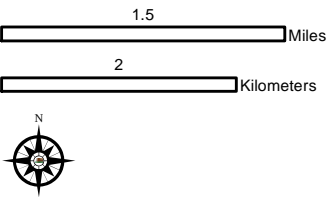
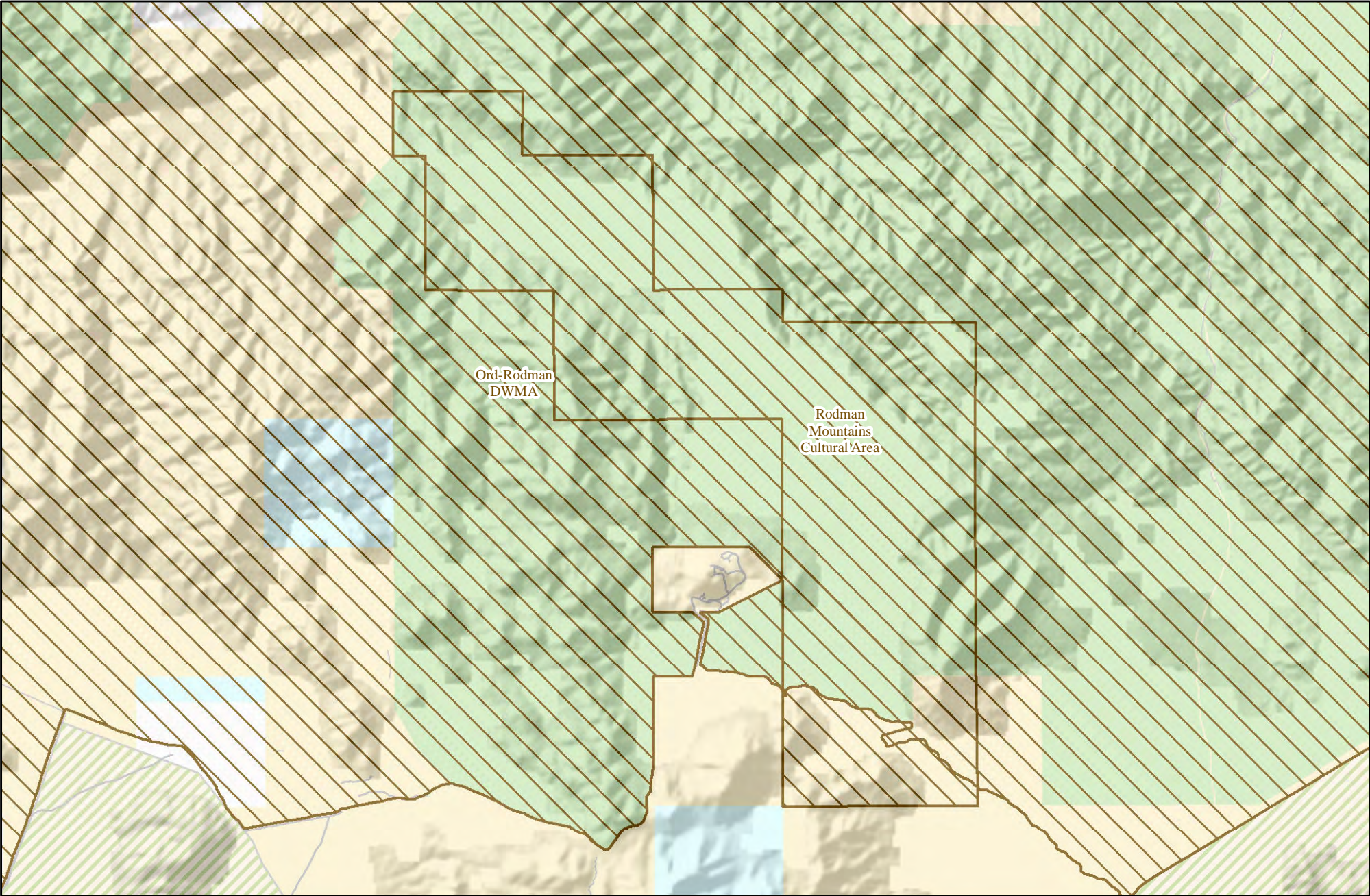
### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Rodman Mountains Cultural Area



**No Action ACECs**  
Date Printed: 5/29/2013  
Prepared by BLM California State Office



**ACEC Layers**

- Existing ACEC
- OHV Areas
- Legislatively and Legally Protected

- Cities
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

**Land Status**

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

**GTLF**

- Interstate
- US Hwy
- CA Hwy
- County Hwy





### Soggy Dry Lake Creosote Rings

**Description/Location:** Located in section 17 of township 4 North, Range 3 East, in San Bernardino County. Access is from State Highway 247 which travels south from Barstow.

**Nationally Significant Values:**

Ecological: This area was designated to protect an Unusual Plant Assemblage; the largest know creosote rings on public lands administered by the federal government are situated within the unit. The rings of creosote within the unit area have recently been identified as the world's oldest living plant. The uniqueness, high research value, and susceptibility to damage from intensive recreation uses are the principle reasons for its designation.

Scientific: The creosote rings provide a unique opportunity for studying the worlds living organisms.

**Special Designations/Management Plan/Date:** Plan 47/1982

**Relevance and Importance Criteria:** Relevant biological resources. This area was designated to protect an Unusual Plant Assemblage, the largest know creosote rings on public lands administered by the federal government are situated within the ACEC. The rings of creosote within the ACEC area have recently been identified as the world's oldest living plant. The uniqueness, high research value, and susceptibility to damage from intensive recreation uses are the principle reasons for its designation.

**Goals:** To provide high level protection to the creosote rings while providing compatible recreational opportunities.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	200	0	NA
Preferred Alternative	200	200	0	0.10%
1	0	400	0	0.5%
2	200	200	0	0.10%
3	0	500	0	0.5%
4	200	500	0	0.5%

\* Acreage values are for BLM managed lands

**Alternatives:**

All Action Alternatives – This area would be managed as it currently is. Some alternatives increase the size of this conservation area (see table above and maps to follow).

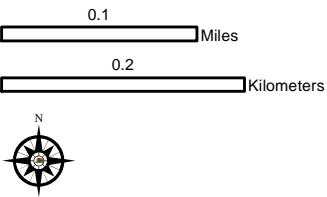
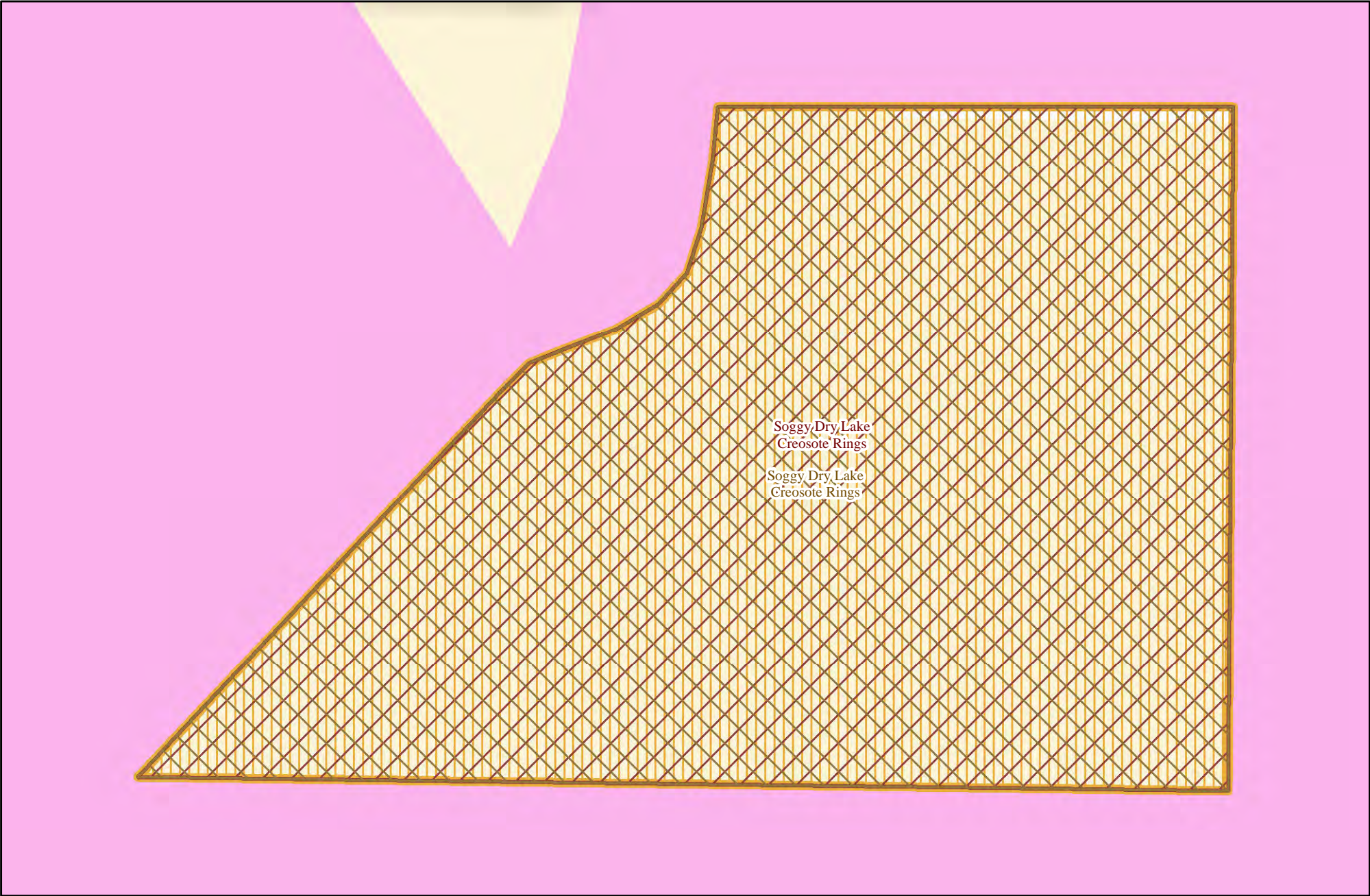
No Action: This area would be managed as it currently is.



<b>Objectives (desired future conditions)/Allowable Uses/Management Actions</b>	<b>Resource</b>
<p>Objective: Protect sensitive creosote rings from human disturbance</p> <p>Management Action 1: Fence a representative group of creosote rings covering about six acres</p> <p>Management Action 2: Prohibit harvest of vegetation</p> <p>Management Action 3: Post interpretive signs</p> <p>Management Action 4: Provide continued opportunities for research by BLM, scientific institutions, and individuals</p> <p>Management Action 5: Implement a monitoring program to evaluate protective measures</p>	Vegetation - Including special status species
<p>Objective: General management and protection of paleontological resources</p> <p>Management Action 1: Develop plans for the inventory, monitoring, and scientific and educational use of paleontological resources as needed</p>	Paleontology
<p>Objective: Protect creosote rings from impacts associated with vehicle traffic</p> <p>Allowable Uses: Closed to all vehicle use</p>	Trails and Travel Management
<p>For Alternatives 1, 3, and 4:</p> <p>Objective: Consolidate resource management</p> <p>Management Action: Acquire all inholdings from willing sellers</p>	Land Tenure
Right of Way Avoidance Area	Rights of Way (ROW)
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: Area is closed to geothermal leasing and development</p>	Renewable Energy
<p>Objective: Protect creosote rings from impacts associated with mining activities</p> <p>Allowable Uses: No mining claims; No locatable, leasable, or saleable minerals</p> <p>Management Action: Propose Withdrawal</p>	<p>Locatable Minerals</p> <p>Mineral Materials</p> <p>Non-Energy Leasables</p>



# Soggy Dry Lake Creosote Rings



## Preferred Alternative ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

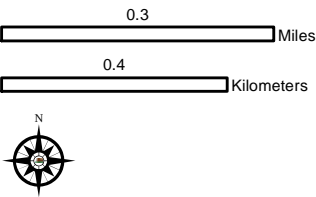
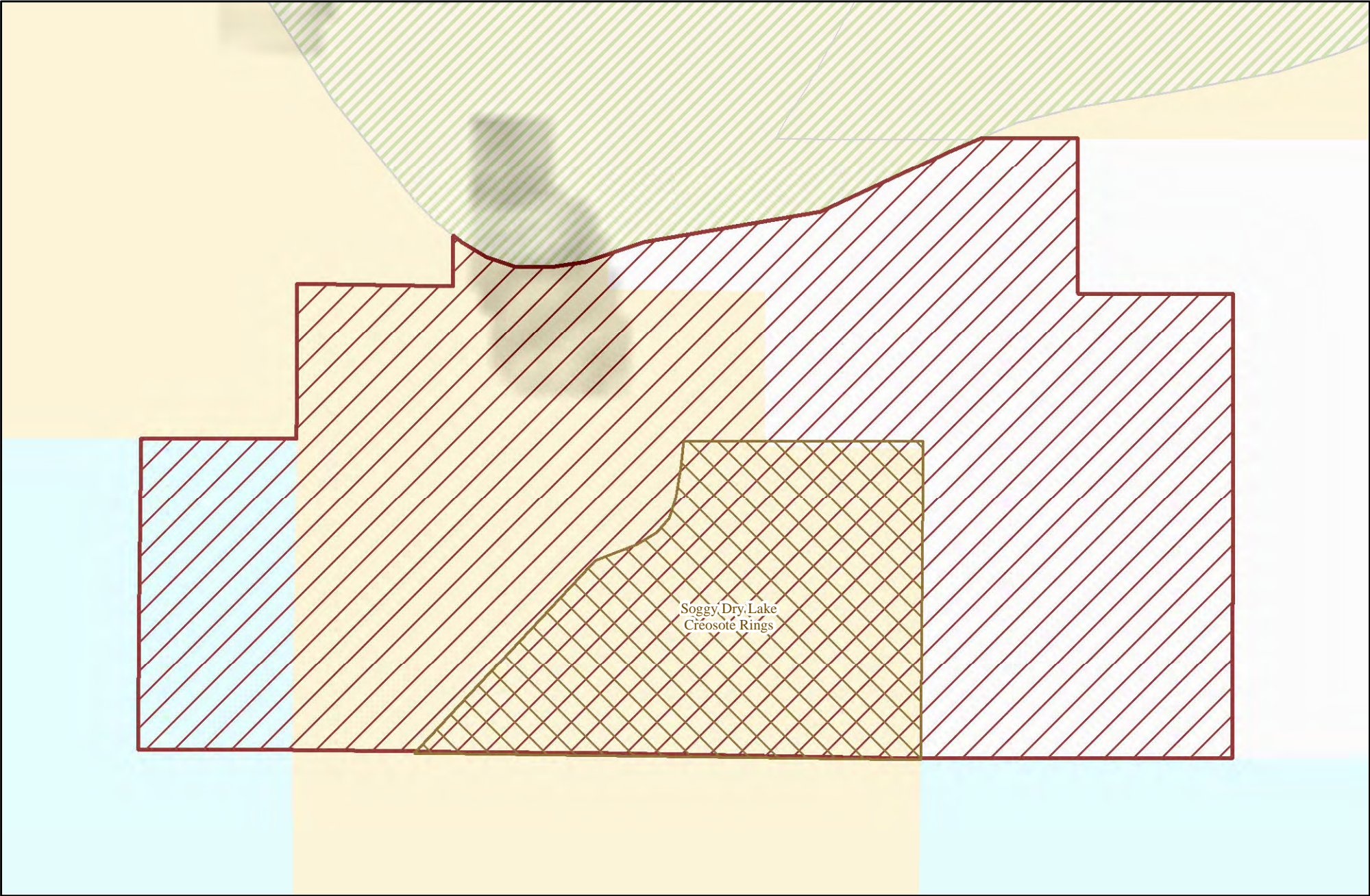
### GTIF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Soggy Dry Lake Creosote Rings



Alternative 1 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

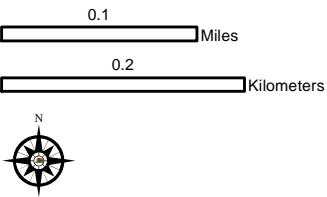
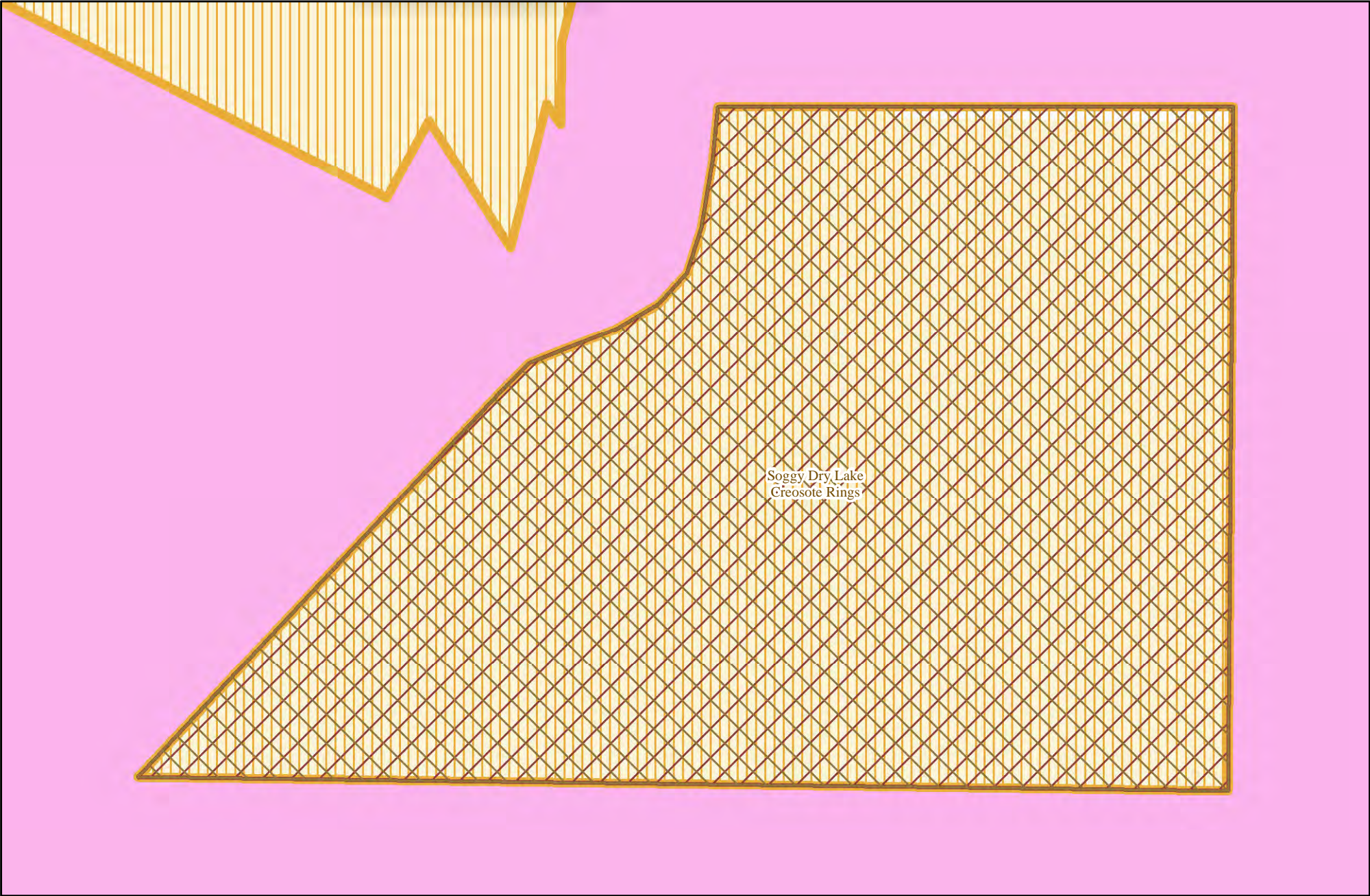
## GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Soggy Dry Lake Creosote Rings



Alternative 2 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

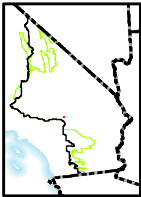
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

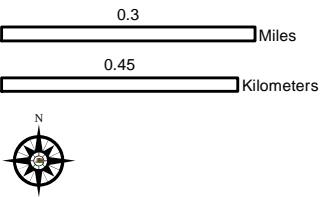
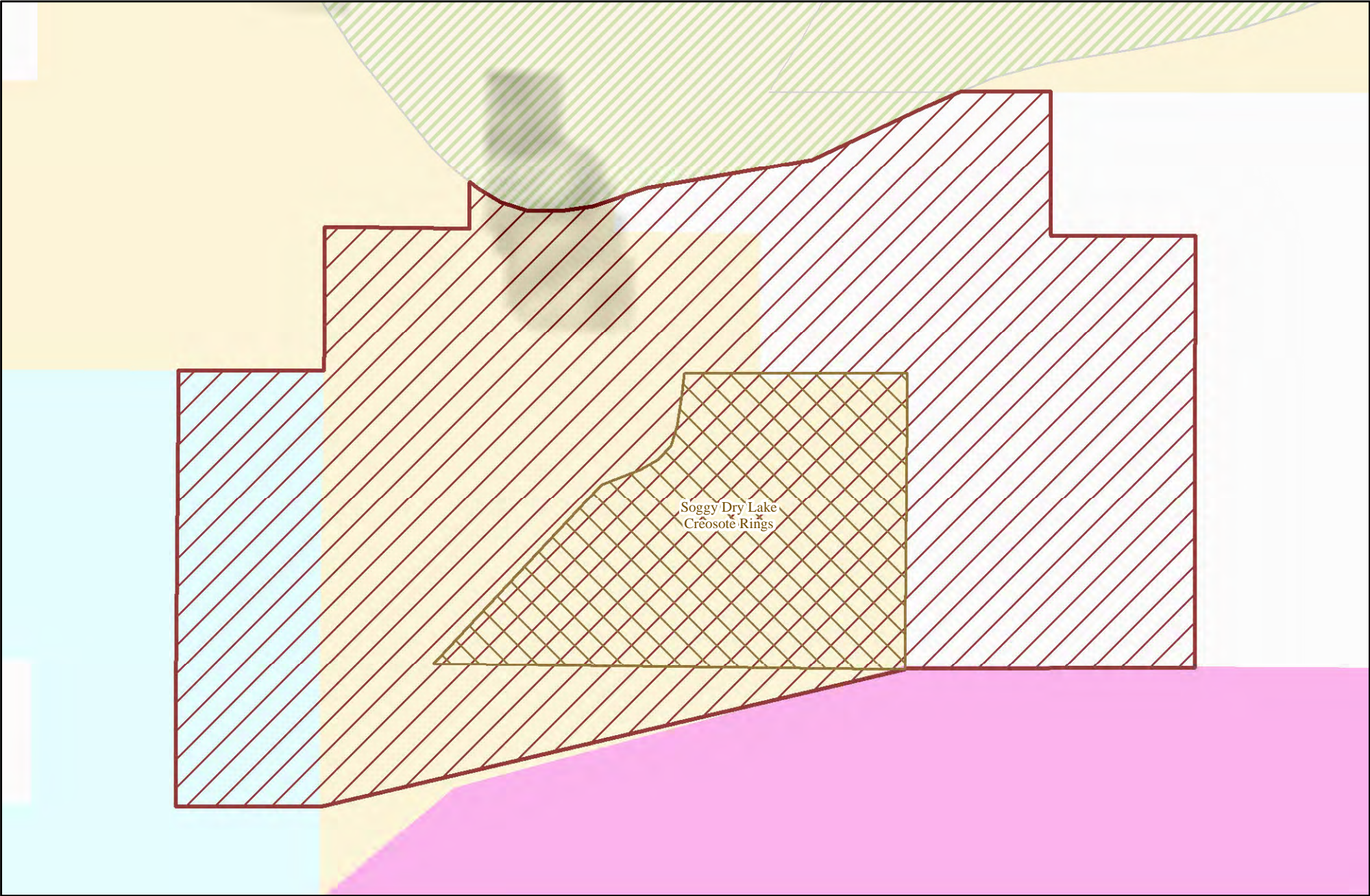
## GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Soggy Dry Lake Creosote Rings



Alternative 3 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

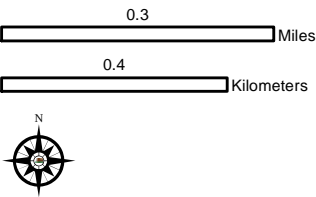
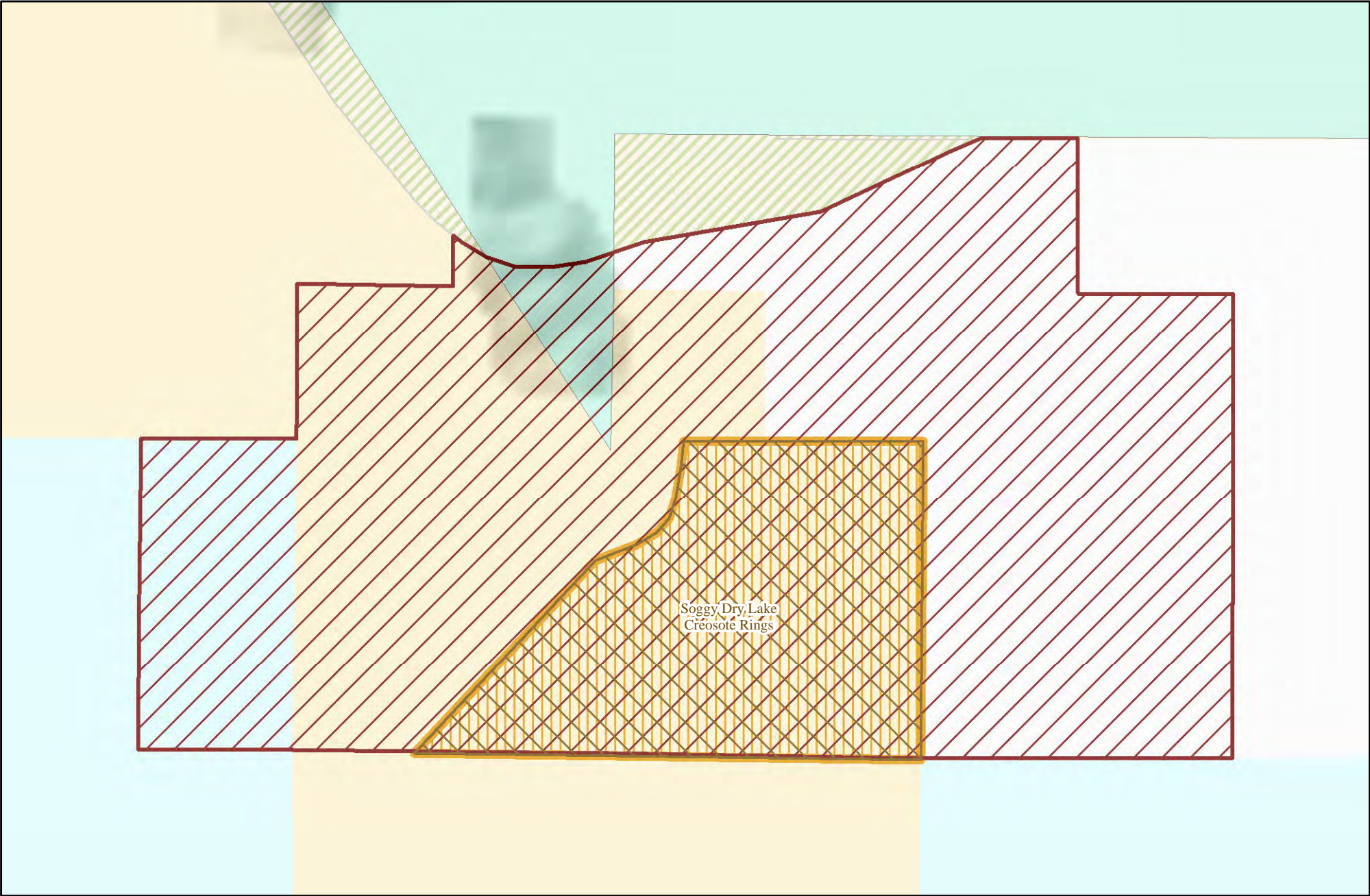
## GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Soggy Dry Lake Creosote Rings



Alternative 4 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



## ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

## Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

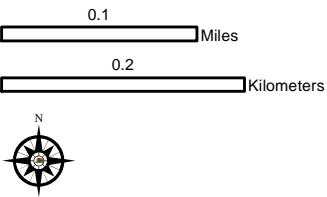
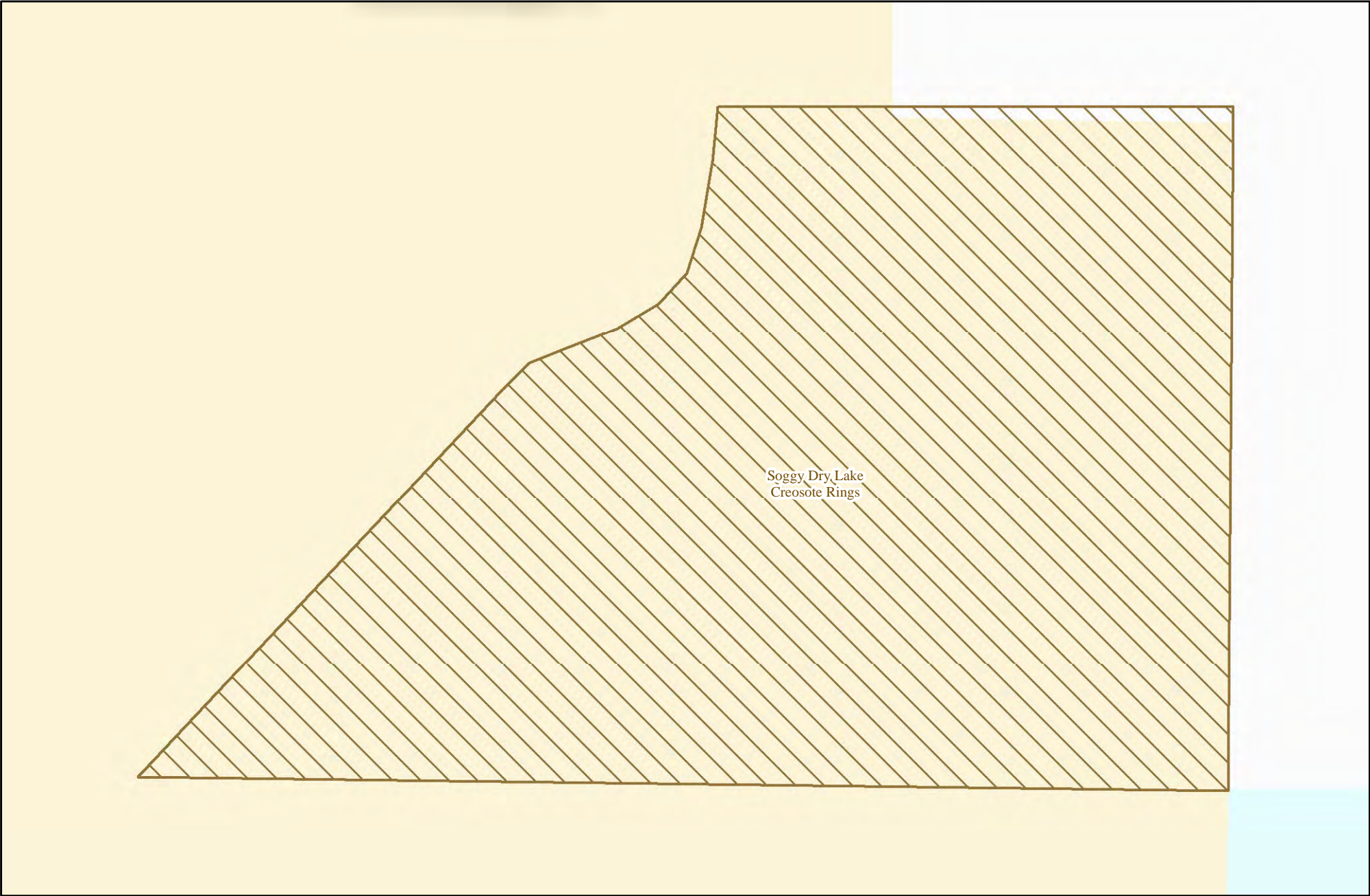
## GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Soggy Dry Lake Creosote Rings



**No Action ACECs**  
Date Printed: 5/29/2013  
Prepared by BLM California State Office



- |                                     |                           |             |
|-------------------------------------|---------------------------|-------------|
| <b>ACEC Layers</b>                  | <b>Land Status</b>        | <b>GTLF</b> |
| Existing ACEC                       | Bureau of Land Management | Interstate  |
| OHV Areas                           | State                     | US Hwy      |
| Legislatively and Legally Protected | Other Federal             | CA Hwy      |
|                                     | Military                  | County Hwy  |
|                                     | Private                   |             |
| Cities                              |                           |             |
| CDCA Boundary                       |                           |             |
| DRECP Boundary                      |                           |             |
| BLM Field Office                    |                           |             |





### Upper Johnson Valley Yucca Rings

**Description/Location:** Located along the southwestern slope of the Fry Mountains in San Bernardino County, California. Access is provided from State Highway 247 by a series of dirt roads.

**Nationally Significant Values:**

Ecological: Designated to provide protection of an Unusual Plant Assemblage, the yucca rings present within the unit are the largest and oldest Mojave Yucca rings known, with an estimated age up to 2,250 years. The uniqueness, high research value.

Scientific: The uniqueness of the age of the yucca rings represents high research value.

**Special Designations/Management Plan/Date:** ACEC Plan 46/1982

**Relevance and Importance Criteria:** Designated to provide protection of an Unusual Plant Assemblage, the yucca rings present within the ACEC are the largest and oldest Mojave Yucca rings known, with an estimated age up to 2,250 years. The uniqueness, high research value, and susceptibility to damage from intensive recreational uses are the principle reasons for designation.

**Goals:** To increase protection of sensitive biological resources while continuing use of lands for compatible recreational opportunities.

**For NLCS Lands:** Where this ruleset differs from the plan-wide NLCS rulesets, the more restrictive rules will apply.

**Designation and Acreage by Alternative:**

Alternative	BLM Acres of NLCS within ACEC or Wildlife Allocation	BLM Acres within ACEC	BLM Acres within Wildlife Allocation	ACEC Disturbance Cap
No Action	0	300	0	NA
Preferred Alternative	0	300	0	1%
1	0	300	0	1%
2	0	300	0	1%
3	0	300	0	1%
4	0	300	0	1%

\* Acreage values are for BLM managed lands

**Alternatives:**

All Alternatives: this ACEC would continue to be managed as it currently is.



Objectives (desired future conditions)/Allowable Uses/Management Actions	Resource
<p>Objective: Protect sensitive yucca rings</p> <p>Management Action 1: Fence a specific group of yucca rings covering approximately 7 acres</p> <p>Management Action 2: Prohibit harvest of vegetation</p> <p>Management Action 3: Post interpretive signs</p> <p>Management Action 4: Provide continued opportunities for research by BLM, scientific institutions, and individuals</p> <p>Management Action 5: Implement a monitoring program to evaluate protective measures</p>	Vegetation - Including special status species
<p>Objective: Protect yucca rings from impacts associated with vehicle traffic</p> <p>Allowable Uses: Closed to all vehicle use</p> <p>Management Action: Maintain enclosure fencing</p>	Trails and Travel Management
<p>Not an allowable use. Renewable energy development is not compatible with NLCS and ACEC unit values and criteria</p> <p>Geothermal: Area is closed to geothermal leasing and development</p>	Renewable Energy
<p>Objective: Protect creosote rings from impacts associated with mining activities</p> <p>Allowable Uses: No mining claims; No locatable, leasable, or saleable minerals</p> <p>Management Action: Propose withdrawal</p>	<p>Locatable Minerals</p> <p>Mineral Materials</p> <p>Non-Energy Leasables</p>



# Upper Johnson Valley Yucca Rings



## Preferred Alternative ACECs

Date Printed: 5/29/2013  
Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

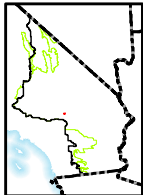
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Upper Johnson Valley Yucca Rings



Alternative 1 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Upper Johnson Valley Yucca Rings



Alternative 2 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Upper Johnson Valley Yucca Rings



Alternative 3 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

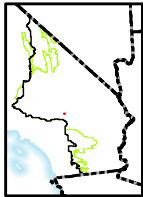
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Upper Johnson Valley Yucca Rings



Alternative 4 ACECs

Date Printed: 5/29/2013

Prepared by BLM California State Office



### ACEC Layers

- Existing ACEC
- Proposed ACEC
- Proposed NLCS
- Design Focus Areas
- Legislatively and Legally Protected

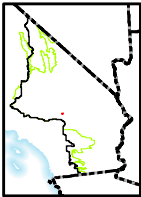
- Cities
- OHV Areas
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy





# Upper Johnson Valley Yucca Rings



## No Action ACECs

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### ACEC Layers

- Existing ACEC
- OHV Areas
- Legislatively and Legally Protected

- Cities
- CDCA Boundary
- DRECP Boundary
- BLM Field Office

### Land Status

- Bureau of Land Management
- State
- Other Federal
- Military
- Private

### GTLF

- Interstate
- US Hwy
- CA Hwy
- County Hwy

